

Converting Colors

XYZ(81.6252, 85.6855, 96.1628)

Have a look what the booklet for
XYZ(81.6252, 85.6855, 96.1628)
contains.

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Color

**XYZ(81.5266, 85.5644,
96.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEF2
RGB	237, 238, 242
RGB Percent	93%, 93%, 95%
CMY	0.0706, 0.0666, 0.0510
CMYK	0.02, 0.02, 0.00, 0.05
HSL	228°, 16%, 94%
HSV	228°, 2%, 95%
XYZ	81.5266, 85.5644, 96.2231
YIQ	238.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

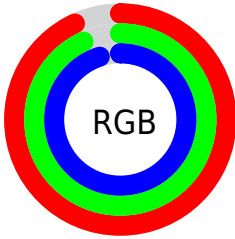
Format	Color
RYB	237, 238, 242
Decimal	15593202
CIELab	94.13, 0.39, -2.06
CIELCh	94, 2.092, 280.724
Yxy	85.5644, 0.3096, 0.3250
Android (android.graphics.Color)	4293783282 (0xFFEDEF2)
YUV	238.1570, 1.8946, -1.0147
Hunter-Lab	92.5010, -4.5542, 3.0750

Details

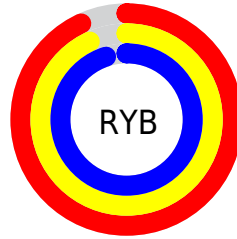
The XYZ color **81.5266, 85.5644, 96.2231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3595, 87.9013, 92.6952**, and the grayscale version is **81.3785, 85.6166, 93.2364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6469, 46.8248, 53.1393** is the 20% darker color. If you saturate the color by 10%, you get **68.6544, 71.0156, 94.0946**, and if you desaturate by 10%, it is **93.0273, 99.1909, 98.2484**.

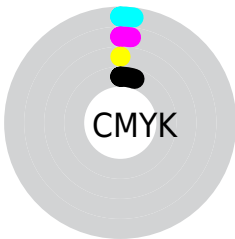
Distribution



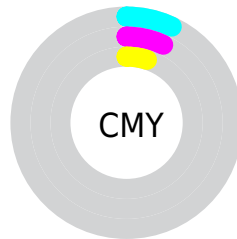
- Red (93%)
- Green (93%)
- Blue (95%)



- Red (93%)
- Yellow (93%)
- Blue (95%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5266, 85.5644, 96.2231 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.5266, 85.5644, 96.2231 by changing the saturation by 10% instead.

81.5266, 85.5644,
96.2231

81.5266, 85.5644,
96.2231

488.7213,
513.4938, 569.1573

61.2882, 64.3078,
72.5509

134.4492,
141.1615, 157.9634

44.7112, 46.9000,
53.1192

167.8641,
176.2707, 196.8685

31.4303, 32.9566,
37.5096

206.4019,
216.7664, 241.6884

21.0802, 22.0932,
25.3034

250.4279,
263.0328, 292.8415

13.2954, 13.9254,
16.0822

300.3075,
315.4543, 350.7464

7.7107, 8.0688,
9.4273

356.4060,

3.9606, 4.1390,

374.4154, 415.8216

4.9204

419.0889,
440.3004, 488.4857

■ 1.6799, 1.7516,
2.1427

■ 0.4436, 0.4568,
0.6410

■ 81.5266, 85.5644,
96.2231

■ 81.5266, 85.5644,
96.2231

■ 68.6544, 71.0156,
94.0946

■ 93.0273, 99.1909,
98.2484

■ 57.4127, 58.1748,
92.2086

■ 47.7378, 46.9817,
90.5580

■ 39.5587, 37.3685,
89.1336

■ 32.7991, 29.2625,
87.9253

■ 27.3756, 22.5851,
86.9222

■ 23.1958, 17.2504,
86.1128

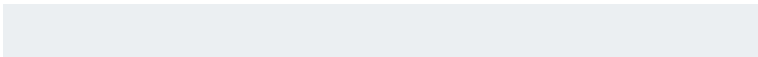
■ 20.1549, 13.1623,
85.4840

■ 18.1296, 10.2110,
85.0211

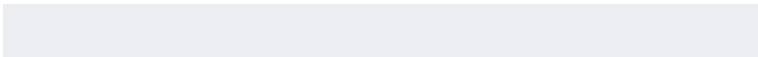
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9720, 85.5644, 96.1017



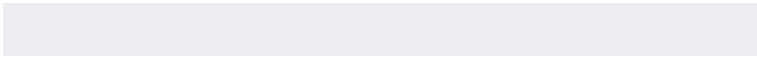
81.5266, 85.5644, 96.2231



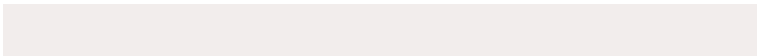
82.0298, 85.5644, 95.5180

Triad

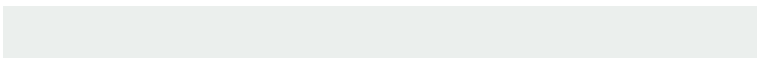
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5266, 85.5644, 96.2231



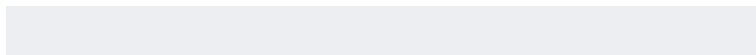
82.1439, 85.5644, 91.1708



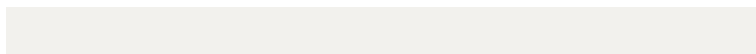
80.3158, 85.5644, 92.1523

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



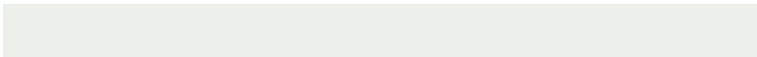
81.5266, 85.5644, 96.2231



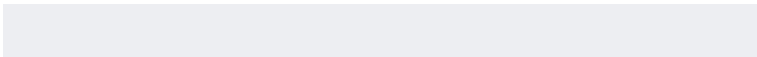
83.3595, 87.9013, 92.6952

Split Complementary

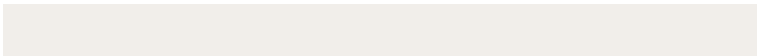
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6270, 85.5644, 90.8511



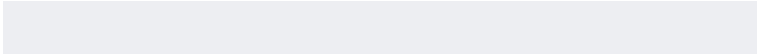
81.5266, 85.5644, 96.2231



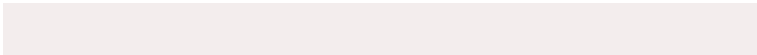
81.6818, 85.5644, 90.2889

Square

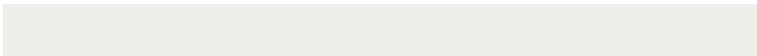
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



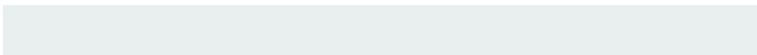
81.5266, 85.5644, 96.2231



82.3873, 85.5644, 92.5934



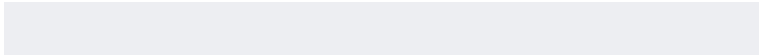
81.1265, 85.5644, 90.1726



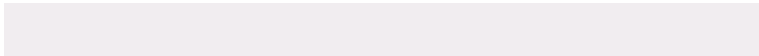
80.2747, 85.5644, 93.7392

Rectangle

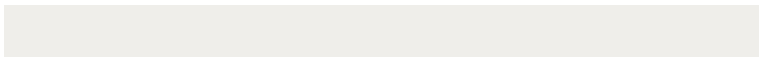
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



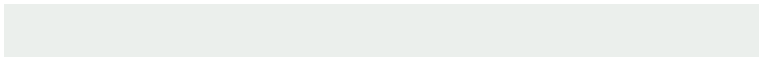
81.5266, 85.5644, 96.2231



82.2678, 85.5644, 94.6789



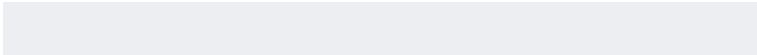
81.1265, 85.5644, 90.1726



80.3922, 85.5644, 91.6675

Sweetspot

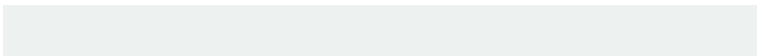
The Sweet Spot groups the original color and five complimentary colors.



81.5290, 85.5681, 96.2250



93.4713, 98.2261, 108.6408



82.5432, 87.8561, 95.7626



20.0234, 21.0431, 23.2563



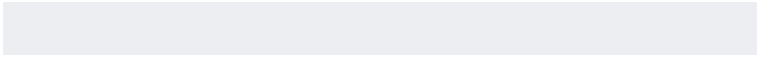
0.0000, 0.0000, 0.0000



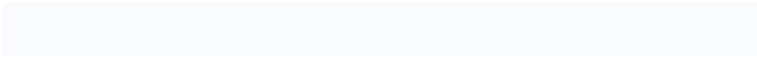
20.3446, 21.4041, 23.3091

Same Dimension

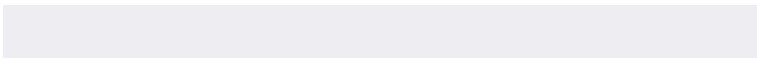
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5290, 85.5681, 96.2250



91.9120, 96.4724, 108.3845



81.7125, 85.2299, 96.1500



17.2489, 18.1072, 20.3075



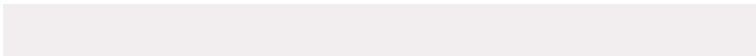
9.2672, 4.7587, 45.5580



0.8390, 0.5320, 3.8127

Inverse Universe

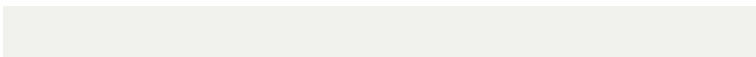
The Inverse Universe completely reimagines the original color for something new.



82.3366, 85.6203, 93.0800



92.7952, 96.5293, 104.9452



83.1731, 88.2476, 92.7718



17.4053, 18.1172, 19.6987



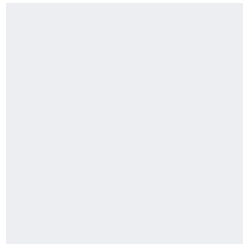
20.0033, 10.2737, 2.6679



1.6984, 0.8684, 0.4028

Previews

White Background



This preview shows how the XYZ color 81.5266, 85.5644, 96.2231 looks on a white background.

Color Contrast Check

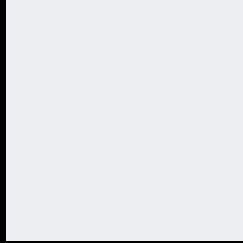
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.5266, 85.5644, 96.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

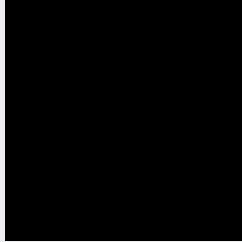
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

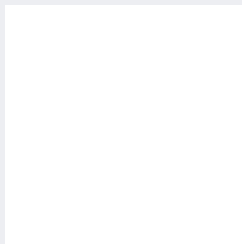
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5266, 85.5644, 96.2231

Background



This preview shows how black text looks on a background with the XYZ color 81.5266, 85.5644, 96.2231.



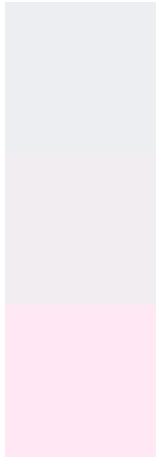
This preview shows how white text looks on a background with the XYZ color 81.5266, 85.5644,

96.2231.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.5266, 85.5644, 96.2231

Protanopia

82.4370, 85.6200, 95.4005

Deuteranopia

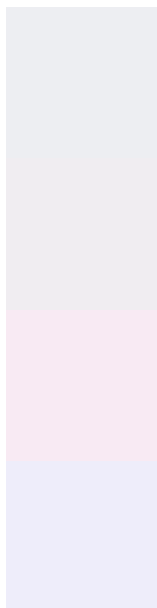
86.2743, 85.4443, 96.7393



Tritanopia

83.6421, 85.5616, 106.7144

Trichromacy



Original Color

81.5266, 85.5644, 96.2231

Protanomaly

82.0966, 85.4445, 95.3846

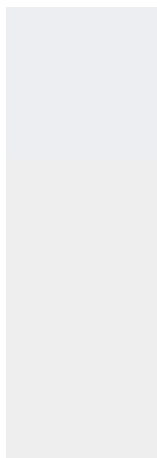
Deuteranomaly

84.3119, 85.2732, 96.8097

Tritanomaly

82.7994, 85.6476, 102.6101

Monochromacy



Original Color

81.5266, 85.5644, 96.2231

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4144, 85.5582, 93.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5266, 85.5644, 96.2231 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(237, 238, 242) looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.5266, 85.5644, 96.2231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 238, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 238, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 238,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5266, 85.5644, 96.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 238, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
238, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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