

Converting Colors

XYZ(81.6933, 85.6050, 95.8539)

Have a look what the booklet for
XYZ(81.6933, 85.6050, 95.8539)
contains.

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Color

**XYZ(81.8614, 85.7370,
96.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEF2
RGB	238, 238, 242
RGB Percent	93%, 93%, 95%
CMY	0.0667, 0.0666, 0.0510
CMYK	0.02, 0.02, 0.00, 0.05
HSL	240°, 13%, 94%
HSV	240°, 2%, 95%
XYZ	81.8614, 85.7370, 96.2387
YIQ	238.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

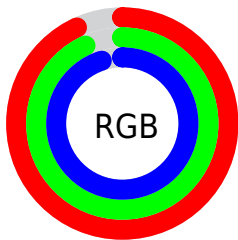
Format	Color
R _Y B	238, 238, 242
Decimal	15658738
CIE Lab	94.20, 0.72, -1.94
CIE LCh	94, 2.067, 290.373
Yxy	85.7370, 0.3103, 0.3250
Android (android.graphics.Color)	4293848818 (0xFFEEEEF2)
YUV	238.4560, 1.7472, -0.3999
Hunter-Lab	92.5943, -4.2304, 3.1924

Details

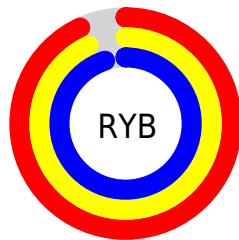
The XYZ color **81.8614, 85.7370, 96.2387** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8027, 88.5534, 93.5658**, and the grayscale version is **81.6111, 85.8612, 93.5028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8823, 46.9462, 53.1503** is the 20% darker color. If you saturate the color by 10%, you get **67.7045, 68.6845, 93.6947**, and if you desaturate by 10%, it is **93.0273, 99.1909, 98.2484**.

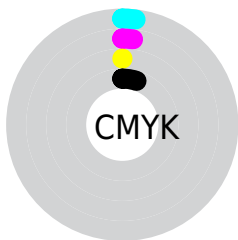
Distribution



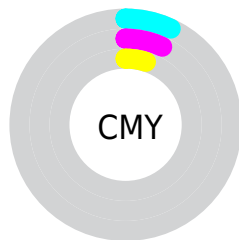
- Red (93%)
- Green (93%)
- Blue (95%)



- 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 81.8614, 85.7370, 96.2387 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 81.8614, 85.7370, 96.2387 by changing the saturation by 10% instead.

81.8614, 85.7370,
96.2387

81.8614, 85.7370,
96.2387

489.8255,
514.0636, 569.2083

61.5650, 64.4505,
72.5638

134.9165,
141.4024, 157.9851

44.9356, 47.0157,
53.1297

168.4058,
176.5501, 196.8936

31.6078, 33.0480,
37.5179

207.0236,
217.0871, 241.7172

21.2162, 22.1632,
25.3098

251.1351,
263.3976, 292.8742

13.3955, 13.9769,
16.0869

301.1057,
315.8661, 350.7833

7.7803, 8.1046,
9.4306

357.3007,

4.0053, 4.1620,

374.8770, 415.8630

4.9225

420.0855,
440.8147, 488.5318

■ 1.7051, 1.7646,
2.1439

■ 0.4595, 0.4649,
0.6417

■ 81.8614, 85.7370,
96.2387

■ 81.8614, 85.7370,
96.2387

■ 67.7045, 68.6845,
93.6947

■ 93.0273, 99.1909,
98.2484

■ 55.5018, 53.9844,
91.5004

■ 45.1697, 41.5369,
89.6424

■ 36.6158, 31.2309,
88.1040

■ 29.7398, 22.9455,
86.8671

■ 24.4316, 16.5482,
85.9121

■ 20.5677, 11.8906,
85.2167

■ 18.0065, 8.8019,
84.7555

■ 16.5776, 7.0773,
84.4980

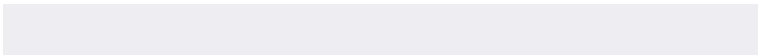
Harmonies

Analogous

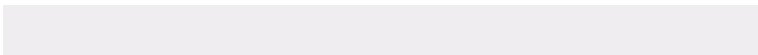
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3127, 85.7370, 96.3895



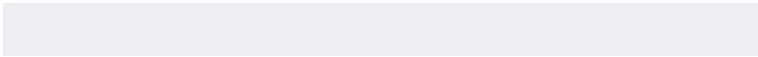
81.8614, 85.7370, 96.2387



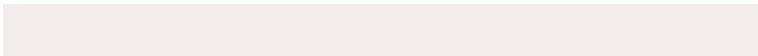
82.3127, 85.7370, 95.3099

Triad

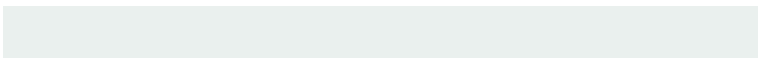
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8614, 85.7370, 96.2387



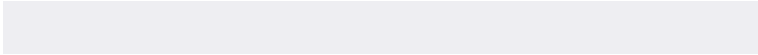
82.1709, 85.7370, 91.0257



80.4460, 85.7370, 92.8444

Complementary

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



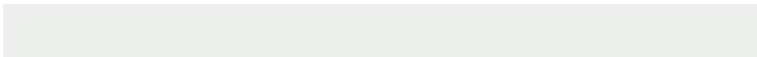
81.8614, 85.7370, 96.2387



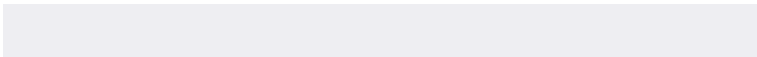
83.8027, 88.5534, 93.5658

Split Complementary

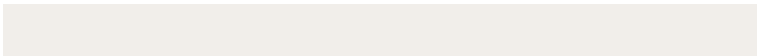
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6737, 85.7370, 91.4231



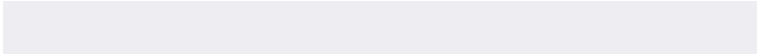
81.8614, 85.7370, 96.2387



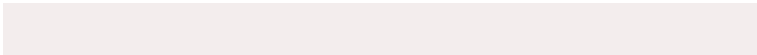
81.6685, 85.7370, 90.3810

Square

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



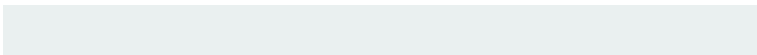
81.8614, 85.7370, 96.2387



82.4919, 85.7370, 92.2963



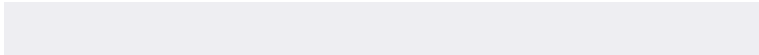
81.1206, 85.7370, 90.5256



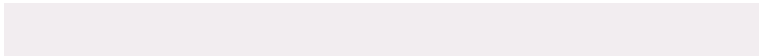
80.4971, 85.7370, 94.4178

Rectangle

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



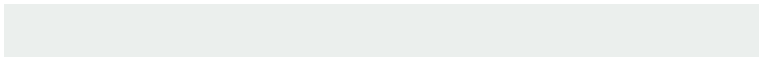
81.8614, 85.7370, 96.2387



82.4967, 85.7370, 94.3803



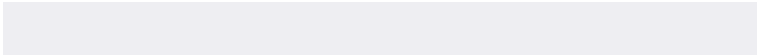
81.1206, 85.7370, 90.5256



80.4924, 85.7370, 92.3333

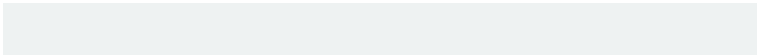
Sweetspot

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



81.8638, 85.7407, 96.2406

95.0500, 100.0000, 108.9000



83.0303, 88.0895, 96.5800



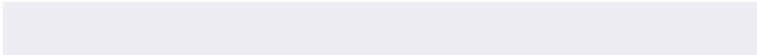
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

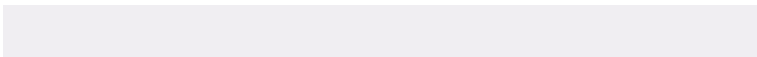
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8638, 85.7407, 96.2406



91.5947, 95.8379, 108.2787



82.5153, 86.0747, 96.2707



17.1927, 17.9948, 20.2888



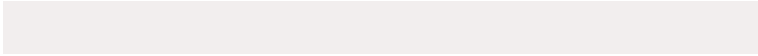
8.6119, 3.4480, 45.3395



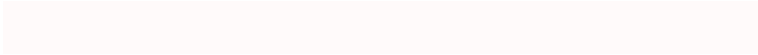
0.7169, 0.2878, 3.7720

Inverse Universe

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



82.6269, 86.2009, 93.1768



92.6350, 96.4653, 104.1019



83.1438, 88.2156, 93.5353



17.3769, 18.1059, 19.5493



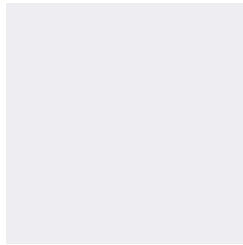
19.6725, 10.1414, 0.9260



1.6368, 0.8438, 0.0782

Previews

White Background



This preview shows how the XYZ color 81.8614, 85.7370, 96.2387 looks on a white background.

Color Contrast Check

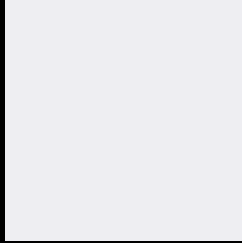
Large Text (above 18pt) WCAG AA × Fail

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 81.8614, 85.7370, 96.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

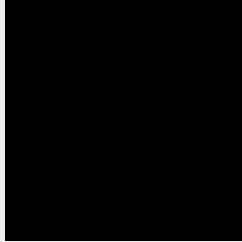
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

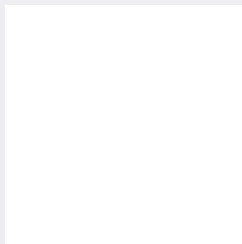
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8614, 85.7370, 96.2387

Background



This preview shows how black text looks on a background with the XYZ color 81.8614, 85.7370, 96.2387.



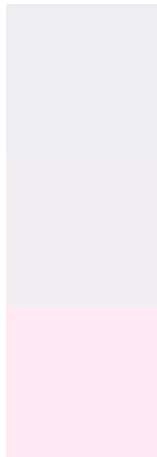
This preview shows how white text looks on a background with the XYZ color 81.8614, 85.7370,

96.2387.

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

81.8614, 85.7370, 96.2387

Protanopia

82.4370, 85.6200, 95.4005

Deuteranopia

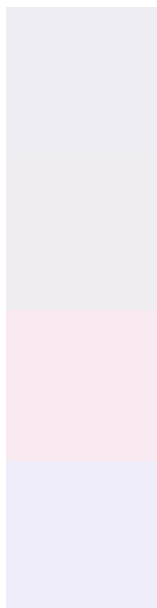
86.1236, 85.3840, 95.9460



Tritanopia

83.9806, 85.7362, 106.7302

Trichromacy



Original Color

81.8614, 85.7370, 96.2387

Protanomaly

82.0966, 85.4445, 95.3846

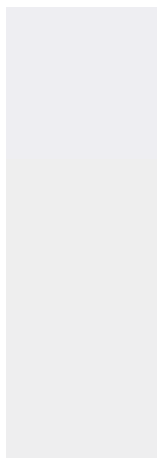
Deuteranomaly

84.5168, 85.3962, 96.0330

Tritanomaly

83.1361, 85.8212, 102.6259

Monochromacy



Original Color

81.8614, 85.7370, 96.2387

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 81.8614, 85.7370, 96.2387 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(238, 238, 242) looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 238, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 81.8614, 85.7370, 96.2387 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(238, 238, 242) }
```

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

```
.border{ border-color:rgb(238, 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(238, 238, 242) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 81.8614, 85.7370, 96.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(238,  
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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