

Converting Colors

XYZ(81.1487, 85.5595, 95.7554)

Have a look what the booklet for
XYZ(81.1487, 85.5595, 95.7554)
contains.

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Color

**XYZ(81.0438, 85.3328,
95.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEEF1
RGB	236, 238, 241
RGB Percent	93%, 93%, 95%
CMY	0.0745, 0.0666, 0.0549
CMYK	0.02, 0.01, 0.00, 0.05
HSL	216°, 15%, 94%
HSV	216°, 2%, 95%
XYZ	81.0438, 85.3328, 95.4185
YIQ	237.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

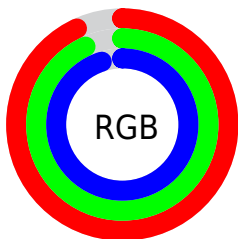
Format	Color
R _Y B	236, 237, 241
Decimal	15527665
CIE Lab	94.03, -0.12, -1.69
CIE LCh	94, 1.695, 265.879
Yxy	85.3328, 0.3096, 0.3260
Android (android.graphics.Color)	4293717745 (0xFFECEEF1)
YUV	237.7440, 1.6052, -1.5295
Hunter-Lab	92.3758, -5.0546, 3.4201

Details

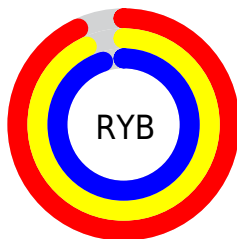
The XYZ color **81.0438, 85.3328, 95.4185** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.2826, 86.4890, 91.7155**, and the grayscale version is **81.0613, 85.2828, 92.8730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3073, 46.6620, 52.5704** is the 20% darker color. If you saturate the color by 10%, you get **69.5391, 73.4107, 93.7250**, and if you desaturate by 10%, it is **92.0684, 97.5129, 97.1897**.

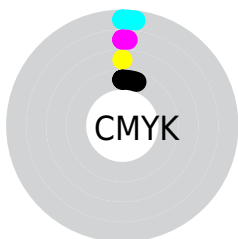
Distribution



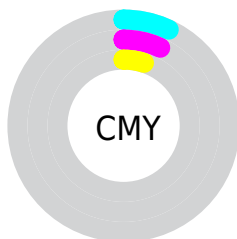
- Red (93%)
- Green (93%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0438, 85.3328, 95.4185 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 81.0438, 85.3328, 95.4185 by changing the saturation by 10% instead.

81.0438, 85.3328,
95.4185

81.0438, 85.3328,
95.4185

487.1267,
512.7286, 566.5224

60.8891, 64.1164,
71.8845

133.7751,
140.8381, 156.8432

44.3879, 46.7450,
52.5781

167.0824,
175.8957, 195.5710

31.1748, 32.8341,
37.0807

205.5046,
216.3359, 240.2005

20.8844, 21.9994,
24.9737

249.4071,
262.5430, 291.1503

13.1515, 13.8564,
15.8386

299.1552,
314.9014, 348.8388

7.6107, 8.0209,
9.2569

355.1142,

3.8966, 4.1083,

373.7956, 413.6846

4.8100

417.6496,
439.6099, 486.1063

■ 1.6438, 1.7343,
2.0795

■ 0.4207, 0.4457,
0.6035

■ 81.0438, 85.3328,
95.4185

■ 81.0438, 85.3328,
95.4185

■ 69.5391, 73.4107,
93.7250

■ 92.0684, 97.5129,
97.1897

■ 59.3982, 62.6783,
92.1879

■ 92.8774, 99.1310,
97.4594

■ 50.5694, 53.0993,
90.8043

■ 42.9953, 44.6313,
89.5690

■ 36.6133, 37.2291,
88.4766

■ 31.3556, 30.8438,
87.5212

■ 27.1465, 25.4222,
86.6966

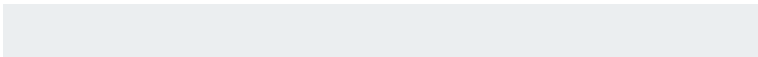
■ 23.9000, 20.9047,
85.9957

■ 21.5140, 17.2225,
85.4107

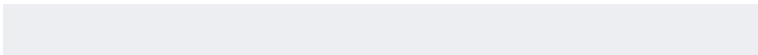
Harmonies

Analogous

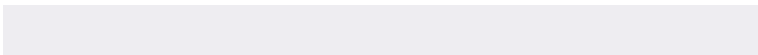
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6196, 85.3328, 94.9894



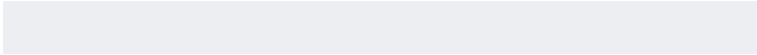
81.0438, 85.3328, 95.4185



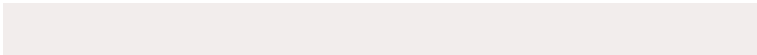
81.4863, 85.3328, 95.1711

Triad

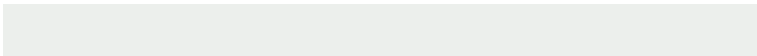
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0438, 85.3328, 95.4185



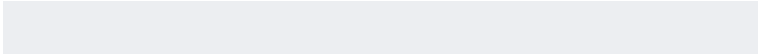
81.8910, 85.3328, 91.8304



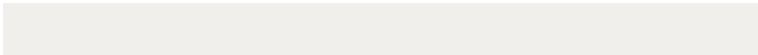
80.3887, 85.3328, 91.5232

Complementary

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



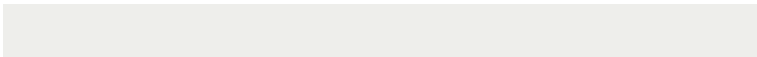
81.0438, 85.3328, 95.4185



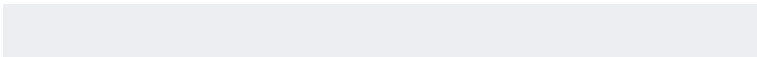
82.2826, 86.4890, 91.7155

Split Complementary

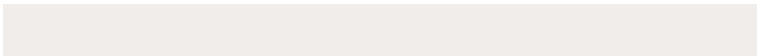
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7274, 85.3328, 90.6907



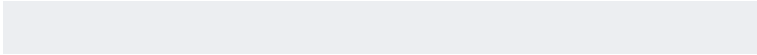
81.0438, 85.3328, 95.4185



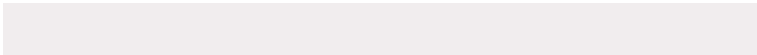
81.5949, 85.3328, 90.8669

Square

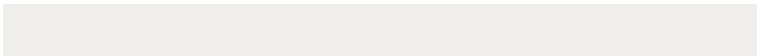
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



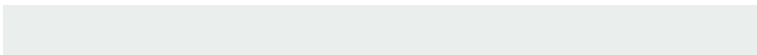
81.0438, 85.3328, 95.4185



81.9765, 85.3328, 93.0920



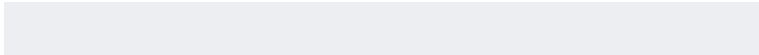
81.1688, 85.3328, 90.4516



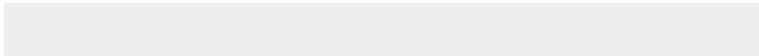
80.2422, 85.3328, 92.7341

Rectangle

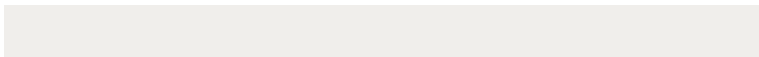
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



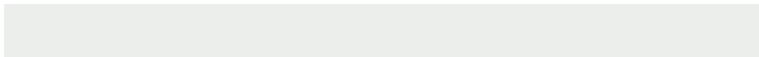
81.0438, 85.3328, 95.4185



81.7320, 85.3328, 94.6571



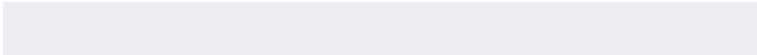
81.1688, 85.3328, 90.4516



80.4838, 85.3328, 91.1903

Sweetspot

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



81.0462, 85.3365, 95.4204



93.6325, 98.5485, 108.6945



81.6164, 86.9719, 94.0837



20.0562, 21.1088, 23.2673



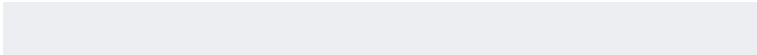
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

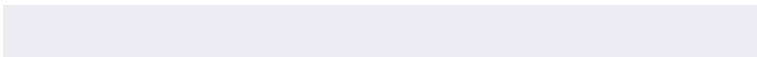
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0462, 85.3365, 95.4204



92.2313, 97.1111, 108.4910



80.6045, 84.2474, 95.2334



17.3055, 18.2203, 20.3264



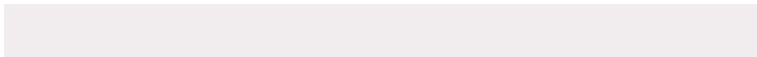
11.0308, 8.2859, 46.1458



1.0125, 0.8790, 3.8705

Inverse Universe

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



81.7056, 84.8663, 92.9677



92.9563, 96.5938, 105.7940



82.7305, 87.5956, 91.9055



17.4338, 18.1286, 19.8490



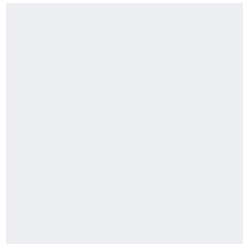
20.8935, 10.6298, 7.3556



1.7860, 0.9034, 0.8640

Previews

White Background



This preview shows how the XYZ color 81.0438, 85.3328, 95.4185 looks on a white background.

Color Contrast Check

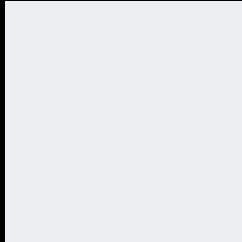
Large Text (above 18pt) WCAG AA × Fail

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 81.0438, 85.3328, 95.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

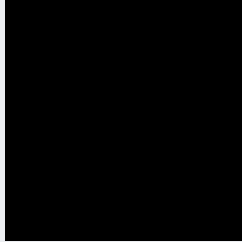
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

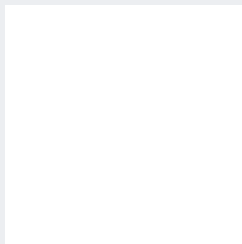
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0438, 85.3328, 95.4185

Background



This preview shows how black text looks on a background with the XYZ color 81.0438, 85.3328, 95.4185.



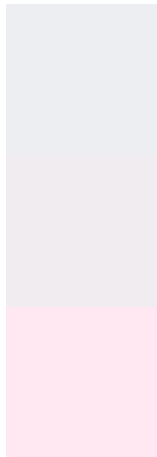
This preview shows how white text looks on a background with the XYZ color 81.0438, 85.3328,

95.485.

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

81.0438, 85.3328, 95.4185

Protanopia

81.9993, 84.9829, 94.5196

Deuteranopia

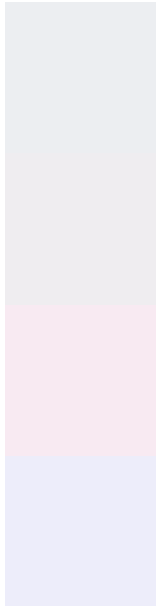
86.1236, 85.3840, 95.9460



Tritanopia

83.3053, 85.3880, 106.6986

Trichromacy



Original Color

81.0438, 85.3328, 95.4185

Protanomaly

81.6090, 85.2104, 94.5841

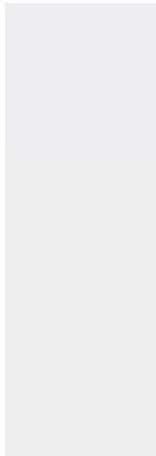
Deuteranomaly

84.1612, 85.2129, 96.0164

Tritanomaly

82.4646, 85.4750, 102.5945

Monochromacy



Original Color

81.0438, 85.3328, 95.4185

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0796, 85.3856, 93.8691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0438, 85.3328, 95.4185 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(236, 238, 241) looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 241)  
}
```

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(236, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.0438, 85.3328, 95.4185 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(236, 238, 241) }
```


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

```
.border{ border-color:rgb(236, 238, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 238, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0438, 85.3328, 95.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 241) }
```

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

```
.background{ background-color: rgb(236,  
238, 241) }
```

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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