

Converting Colors

XYZ(85.3306, 89.9630, 97.2541)

Have a look what the booklet for
XYZ(85.3306, 89.9630, 97.2541)
contains.

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Color

**XYZ(85.3398, 90.1669,
96.9105)**

Conversions

Conversions Part 1	
Format	Color
Hex	F3F4F2
RGB	243, 244, 242
RGB Percent	95%, 96%, 95%
CMY	0.0471, 0.0431, 0.0510
CMYK	0.00, 0.00, 0.01, 0.04
HSL	90°, 8%, 95%
HSV	90°, 1%, 96%
XYZ	85.3398, 90.1669, 96.9105
YIQ	243.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

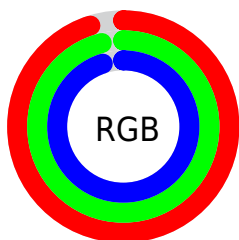
Format	Color
RYB	242, 244, 243
Decimal	15987954
CIELab	96.07, -0.68, 0.83
CIELCh	96, 1.076, 129.167
Yxy	90.1669, 0.3133, 0.3310
Android (android.graphics.Color)	4294178034 (0xFFFF3F4F2)
YUV	243.4730, -0.7262, -0.4148
Hunter-Lab	94.9563, -5.7506, 5.9592

Details

The XYZ color 85.3398, 90.1669, 96.9105 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.0471, 89.0932, 98.3069, and the grayscale version is 85.5760, 90.0326, 98.0455.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.3397, 50.0764, 53.6250 is the 20% darker color. If you saturate the color by 10%, you get 77.8360, 86.6967, 78.6881, and if you desaturate by 10%, it is 91.6425, 93.1849, 107.7642.

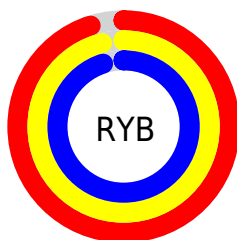
Distribution



Red (95%)

Green (96%)

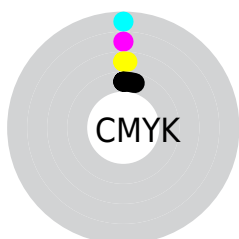
Blue (95%)



Red (95%)

Yellow (96%)

Blue (95%)

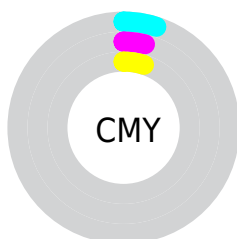


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (5%)


Magenta (4%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3398, 90.1669, 96.9105 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 85.3398, 90.1669, 96.9105 by changing the saturation by 10% instead.

 85.3398, 90.1669,
96.9105

 85.3398, 90.1669,
96.9105


501.2185,
528.5736, 571.4032

 64.4456, 68.1191,
73.1205


139.7594,
147.5702, 158.9196

 47.2747, 49.9946,
53.5820


174.0156,
183.6945, 197.9758

 33.4617, 35.4091,
37.8767

213.4564,
225.2797, 242.9577

 22.6413, 23.9782,
25.5859

258.4473,
272.7102, 294.2840

 14.4481, 15.3174,
16.2911

309.3536,
326.3705, 352.3731

 8.5168, 9.0425,
9.5738


366.5407,


 4.4819, 4.7689,


386.6449, 417.6437


5.0154


430.3739,
453.9178, 490.5142


 1.9782, 2.1123,
2.1974

 0.6217, 0.6715,
0.6729


 85.3398, 90.1669,
96.9105


 85.3398, 90.1669,
96.9105

 77.8360, 86.6967,
78.6881

 91.6425, 93.1849,
107.7642

 71.0752, 83.5527,
62.9507

 65.0341, 80.7278,
49.5921

 59.6846, 78.2101,
38.4962

■ 54.9972, 75.9871,
29.5372

■ 50.9393, 74.0450,
22.5769

■ 47.4753, 72.3689,
17.4609

■ 44.5650, 70.9419,
14.0122

■ 42.1611, 69.7443,
12.0191

Harmonies

Analogous

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



85.6097, 90.1669, 96.5664



85.3398, 90.1669, 96.9105



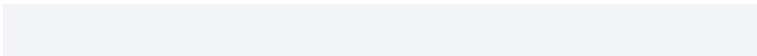
85.1669, 90.1669, 97.5944

Triad

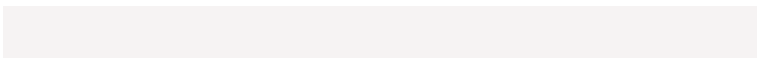
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3398, 90.1669, 96.9105



85.4975, 90.1669, 99.7171



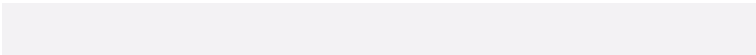
86.2675, 90.1669, 97.9154

Complementary

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



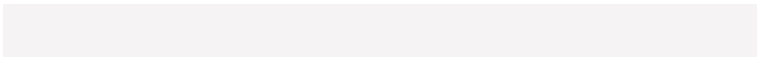
85.3398, 90.1669, 96.9105



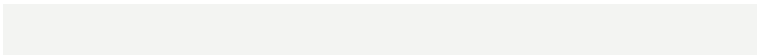
85.0471, 89.0932, 98.3069

Split Complementary

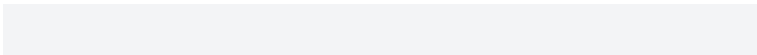
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2372, 90.1669, 98.7608



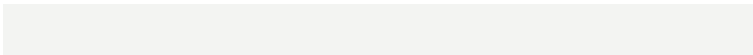
85.3398, 90.1669, 96.9105



85.7922, 90.1669, 99.8043

Square

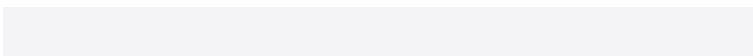
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



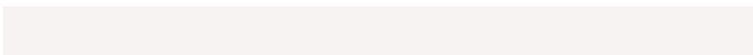
85.3398, 90.1669, 96.9105



85.2578, 90.1669, 99.2158



86.0631, 90.1669, 99.4533



86.1456, 90.1669, 97.1443

Rectangle

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



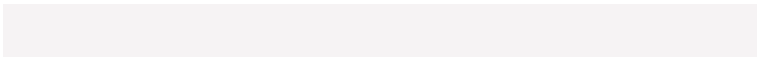
85.3398, 90.1669, 96.9105



85.1297, 90.1669, 98.1526



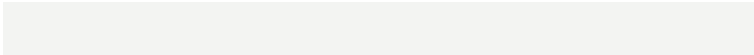
86.0631, 90.1669, 99.4533



86.2747, 90.1669, 98.2003

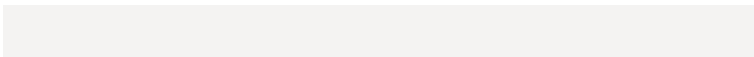
Sweetspot

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



85.3423, 90.1708, 96.9125

95.0500, 100.0000, 108.9000



85.3893, 89.7486, 96.8285



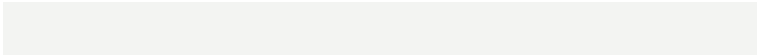
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

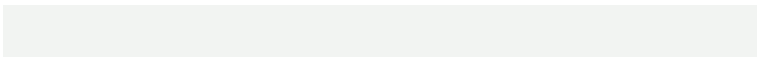
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3423, 90.1708, 96.9125



94.1734, 99.5952, 106.7301



84.9983, 89.9934, 96.8964



18.4666, 19.5243, 20.9411



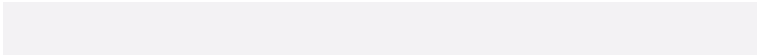
22.0883, 37.4997, 6.0740



2.0598, 3.3569, 0.5394

Inverse Universe

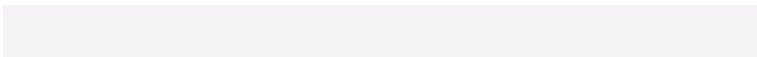
The Inverse Universe completely reimagines the original color for something new.



85.0471, 89.0932, 98.3069



93.7756, 98.1434, 108.6088



85.3930, 89.2715, 98.3231



18.3927, 19.2549, 21.2897



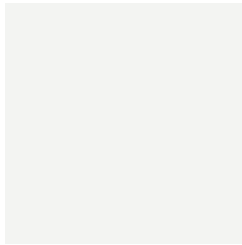
13.4248, 5.8951, 46.9683



1.2984, 0.5792, 4.1336

Previews

White Background



This preview shows how the XYZ color 85.3398, 90.1669, 96.9105 looks on a white background.

Color Contrast Check

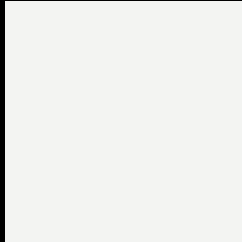
Large Text (above 18pt) WCAG AA × Fail

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 85.3398, 90.1669, 96.9105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

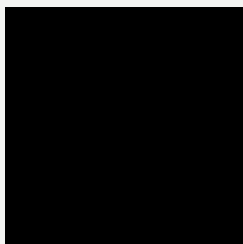
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

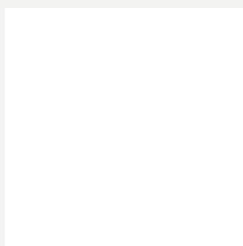
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3398, 90.1669, 96.9105

Background



This preview shows how black text looks on a background with the XYZ color 85.3398, 90.1669, 96.9105.

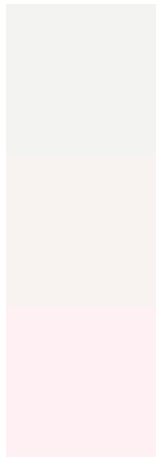


This preview shows how white text looks on a background with the XYZ color 85.3398, 90.1669,

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

85.3398, 90.1669, 96.9105

Protanopia

86.3407, 89.8116, 96.0038

Deuteranopia

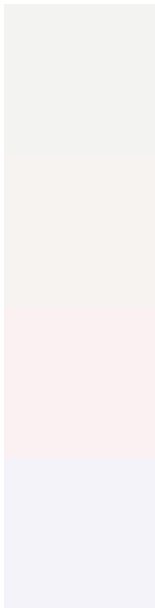
88.7292, 90.1118, 98.3047



Tritanopia

87.4583, 90.1367, 107.3963

Trichromacy



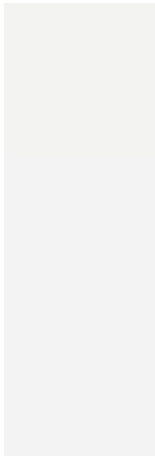
Original Color
85.3398, 90.1669, 96.9105

Protanomaly
85.9338, 90.0449, 96.0703

Deuteranomaly
87.4166, 89.8909, 97.5373

Tritanomaly
86.6141, 90.2364, 103.2948

Monochromacy



Original Color
85.3398, 90.1669, 96.9105

Achromatopsia
85.1904, 89.6269, 97.6037

Achromatomaly
85.1904, 89.6269, 97.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3398, 90.1669, 96.9105 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(243, 244, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 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(243, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 242) }
```

Border

The CSS property to change the border of an element to XYZ 85.3398, 90.1669, 96.9105 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(243, 244, 242) }
```

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

```
.border{ border-color:rgb(243, 244, 242) }
```

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

Here you see how a box with a 4 pixel rgb(243, 244, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 85.3398, 90.1669, 96.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 242) }
```

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

```
.background{ background-color: rgb(243,  
244, 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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