

Converting Colors

XYZ(85.0133, 89.8684,
100.2941)

Have a look what the booklet for
XYZ(85.0133, 89.8684, 100.2941)
contains.

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Color

**XYZ(84.9204, 89.8805,
100.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F4F6
RGB	240, 244, 246
RGB Percent	94%, 96%, 96%
CMY	0.0588, 0.0431, 0.0353
CMYK	0.02, 0.01, 0.00, 0.04
HSL	200°, 25%, 95%
HSV	200°, 2%, 96%
XYZ	84.9204, 89.8805, 100.0617
YIQ	243.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

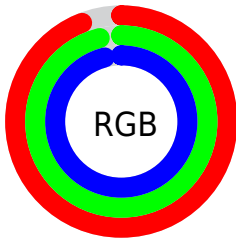
Format	Color
R _{YB}	240, 242, 246
Decimal	15791350
CIE Lab	95.95, -0.96, -1.43
CIE LCh	96, 1.725, 236.223
Yxy	89.8805, 0.3090, 0.3270
Android (android.graphics.Color)	4293981430 (0xFFFF0F4F6)
YUV	243.0320, 1.4632, -2.6591
Hunter-Lab	94.8053, -6.0207, 3.7865

Details

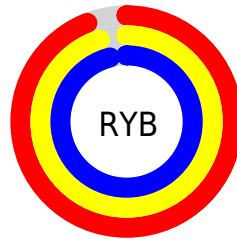
The XYZ color **84.9204, 89.8805, 100.0617** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4864, 89.3872, 95.1871**, and the grayscale version is **85.2096, 89.6471, 97.6257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0446, 49.8745, 55.8624** is the 20% darker color. If you saturate the color by 10%, you get **74.7216, 81.0508, 98.8963**, and if you desaturate by 10%, it is **92.7446, 97.6534, 101.1510**.

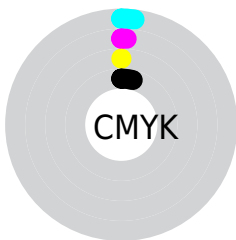
Distribution



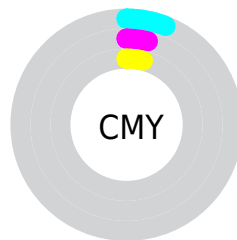
- Red (94%)
- Green (96%)
- Blue (96%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9204, 89.8805, 100.0617 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 84.9204, 89.8805, 100.0617 by changing the saturation by 10% instead.

84.9204, 89.8805,
100.0617

84.9204, 89.8805,
100.0617

499.8523,
527.6420, 581.6388

64.0979, 67.8815,
75.7349

139.1766,
147.1724, 163.2946

46.9919, 49.8014,
55.7098

173.3409,
183.2341, 203.0377

33.2372, 35.2556,
39.5679

212.6833,
224.7522, 248.7568

22.4683, 23.8598,
26.8906

257.5689,
272.1111, 300.8702

14.3199, 15.2297,
17.2593

308.3633,
325.6951, 359.7966

8.4267, 8.9807,
10.2557

365.4318,

4.4233, 4.7286,

385.8886, 425.9545

5.4610

429.1397,
453.0762, 499.7624

■ 1.9443, 2.0889,
2.4568

■ 0.6024, 0.6584,
0.8171

■ 84.9204, 89.8805,
100.0617

■ 84.9204, 89.8805,
100.0617

■ 74.7216, 81.0508,
98.8963

■ 92.7446, 97.6534,
101.1510

■ 65.7151, 72.9934,
97.8158

■ 93.6348, 99.4339,
101.4478

■ 57.8538, 65.6844,
96.8193

■ 51.0842, 59.0942,
95.9041

■ 45.3484, 53.1907,
95.0669

■ 40.5831, 47.9389,
94.3044

■ 36.7168, 43.2998,
93.6127

■ 33.6679, 39.2287,
92.9876

■ 31.3378, 35.6726,
92.4240

Harmonies

Analogous

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



84.6095, 89.8805, 99.0285



84.9204, 89.8805, 100.0617



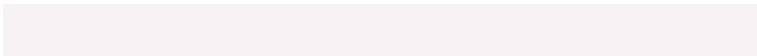
85.3684, 89.8805, 100.5060

Triad

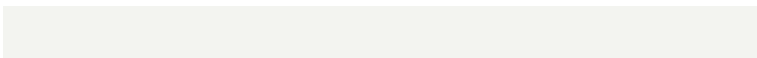
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9204, 89.8805, 100.0617



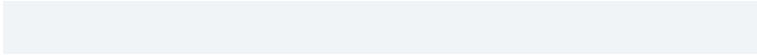
86.3461, 89.8805, 98.0375



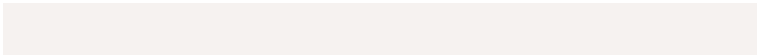
85.0245, 89.8805, 95.5297

Complementary

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



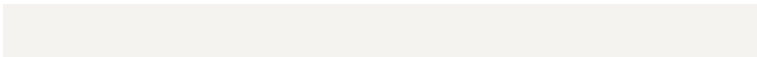
84.9204, 89.8805, 100.0617



85.4864, 89.3872, 95.1871

Split Complementary

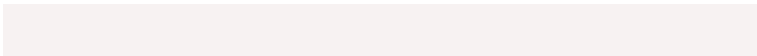
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4891, 89.8805, 95.2698



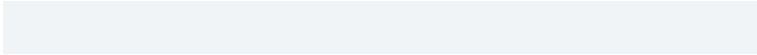
84.9204, 89.8805, 100.0617



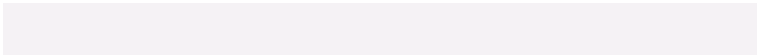
86.2532, 89.8805, 96.7098

Square

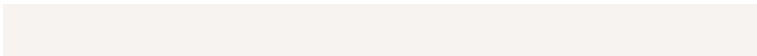
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



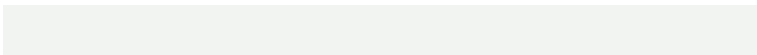
84.9204, 89.8805, 100.0617



86.1925, 89.8805, 99.3305



85.9391, 89.8805, 95.6999



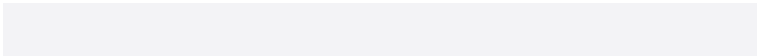
84.6695, 89.8805, 96.4131

Rectangle

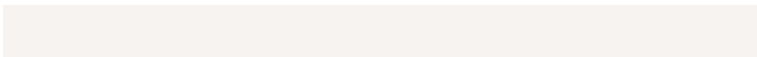
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



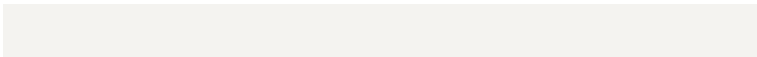
84.9204, 89.8805, 100.0617



85.6849, 89.8805, 100.4055



85.9391, 89.8805, 95.6999



85.1730, 89.8805, 95.3669

Sweetspot

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



84.9230, 89.8843, 100.0637



93.8481, 98.9796, 108.7664



84.9042, 90.8430, 96.9865



20.1000, 21.1965, 23.2819



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

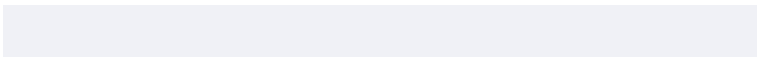
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9230, 89.8843, 100.0637



91.4849, 96.9650, 108.5021



84.0559, 88.1502, 99.7746



17.7513, 18.8512, 21.2456



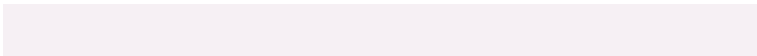
16.1153, 18.0244, 49.1677



1.5105, 1.7724, 4.3527

Inverse Universe

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



85.4972, 88.4462, 98.1582



92.2508, 95.0530, 105.9591



86.3577, 91.1299, 95.4776



17.9402, 18.3821, 20.6183



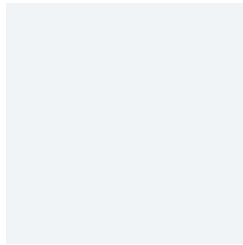
23.9388, 11.9189, 20.1837



2.1515, 1.0666, 2.0242

Previews

White Background



This preview shows how the XYZ color 84.9204, 89.8805, 100.0617 looks on a white background.

Color Contrast Check

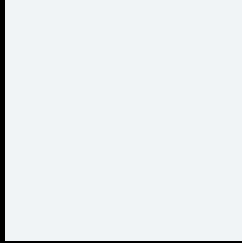
Large Text (above 18pt) WCAG AA × Fail

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 84.9204, 89.8805, 100.0617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

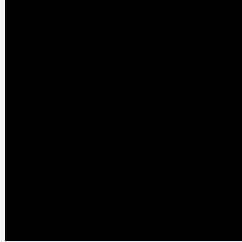
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

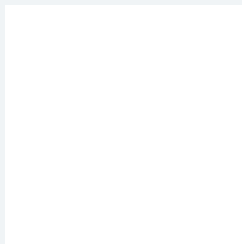
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9204, 89.8805, 100.0617

Background



This preview shows how black text looks on a background with the XYZ color 84.9204, 89.8805, 100.0617.



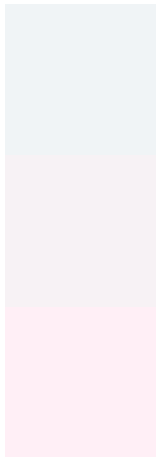
This preview shows how white text looks on a background with the XYZ color 84.9204, 89.8805,

100.0617.

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

84.9204, 89.8805, 100.0617

Protanopia

86.5913, 89.8710, 99.1692

Deuteranopia

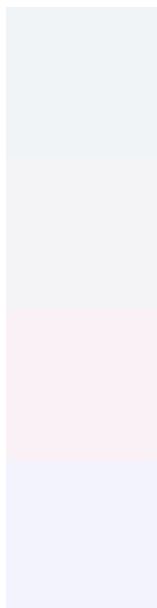
88.7411, 89.6468, 99.8152



Tritanopia

86.7643, 89.7789, 107.3638

Trichromacy



Original Color

84.9204, 89.8805, 100.0617

Protanomaly

85.8402, 89.9269, 99.2196

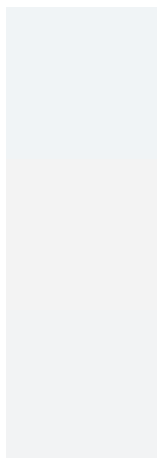
Deuteranomaly

87.5142, 89.8884, 99.9265

Tritanomaly

86.2392, 90.0067, 104.9232

Monochromacy



Original Color

84.9204, 89.8805, 100.0617

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9977, 89.5101, 98.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9204, 89.8805, 100.0617 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(240, 244, 246) looks like.

```
.text, #text, p{  
    color:rgb(240, 244, 246)  
}
```

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(240, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 244, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.9204, 89.8805, 100.0617 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(240, 244, 246) }
```


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

```
.border{ border-color:rgb(240, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(240, 244,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9204, 89.8805, 100.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 244, 246) }
```

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

```
.background{ background-color: rgb(240,  
244, 246) }
```

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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