

Converting Colors

XYZ(85.0124, 90.7438, 98.3685)

Have a look what the booklet for
XYZ(85.0124, 90.7438, 98.3685)
contains.

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Color

**XYZ(85.2201, 90.9685,
98.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F6F4
RGB	240, 246, 244
RGB Percent	94%, 96%, 96%
CMY	0.0588, 0.0353, 0.0431
CMYK	0.02, 0.00, 0.01, 0.04
HSL	160°, 25%, 95%
HSV	160°, 2%, 96%
XYZ	85.2201, 90.9685, 98.6550
YIQ	243.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

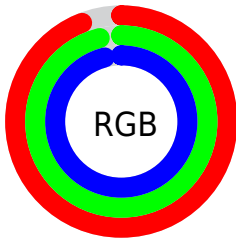
Format	Color
RYB	240, 244, 246
Decimal	15791860
CIELab	96.40, -2.33, 0.26
CIELCh	96, 2.346, 173.701
Yxy	90.9685, 0.3101, 0.3310
Android (android.graphics.Color)	4293981940 (0xFFFF0F6F4)
YUV	243.9780, 0.0108, -3.4887
Hunter-Lab	95.3774, -7.4200, 5.4367

Details

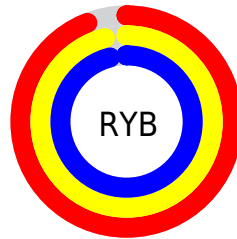
The XYZ color 85.2201, 90.9685, 98.6550 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.1966, 88.3262, 96.5673, and the grayscale version is 85.9753, 90.4528, 98.5031.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.2577, 50.6481, 54.8623 is the 20% darker color. If you saturate the color by 10%, you get 76.2096, 86.4669, 91.8702, and if you desaturate by 10%, it is 91.8020, 94.2169, 105.6199.

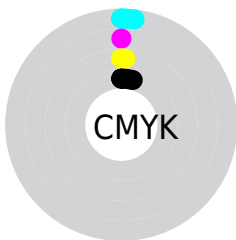
Distribution



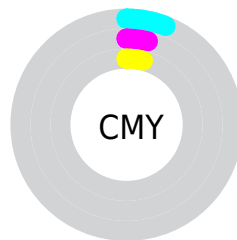
- Red (94%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2201, 90.9685, 98.6550 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 85.2201, 90.9685, 98.6550 by changing the saturation by 10% instead.

85.2201, 90.9685,
98.6550

85.2201, 90.9685,
98.6550

500.8288,
531.1763, 577.0816

64.3464, 68.7842,
74.5671

139.5931,
148.6830, 161.3433

47.1940, 50.5360,
54.7588

173.8231,
184.9819, 200.7809

33.3976, 35.8395,
38.8113

213.2358,
226.7545, 246.1721

22.5919, 24.3102,
26.3063

258.1967,
274.3852, 297.9355

14.4115, 15.5639,
16.8251

309.0711,
328.2583, 356.4896

8.4910, 9.2161,
9.9492

366.2243,

4.4652, 4.8824,

388.7583, 422.2529

5.2601

430.0218,
456.2695, 495.6441

■ 1.9685, 2.1784,
2.3393

■ 0.6162, 0.7082,
0.7531

■ 85.2201, 90.9685,
98.6550

■ 85.2201, 90.9685,
98.6550

■ 76.2096, 86.4669,
91.8702

■ 91.8020, 94.2169,
105.6199

■ 68.3384, 82.5437,
85.4231

■ 92.2475, 94.3951,
107.9658

■ 61.5599, 79.1775,
79.3096

■ 55.8216, 76.3414,
73.5235

■ 51.0663, 74.0060,
68.0579

■ 47.2311, 72.1390,
62.9061

■ 44.2457, 70.7041,
58.0604

■ 42.0290, 69.6597,
53.5129

■ 40.4832, 68.9555,
49.2547

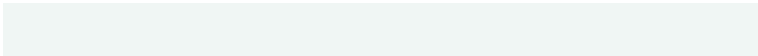
Harmonies

Analogous

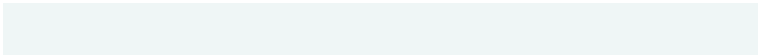
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4543, 90.9685, 96.9345



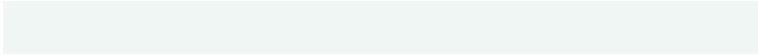
85.2201, 90.9685, 98.6550



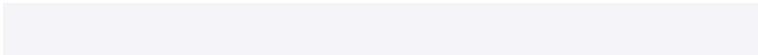
85.3176, 90.9685, 100.5026

Triad

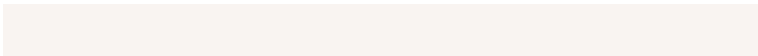
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2201, 90.9685, 98.6550



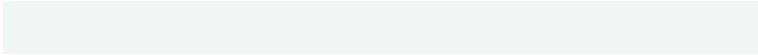
86.9688, 90.9685, 102.3804



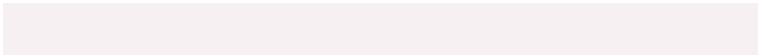
87.2087, 90.9685, 96.1777

Complementary

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



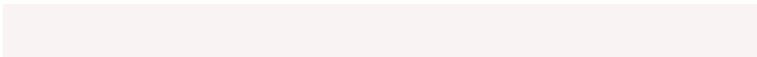
85.2201, 90.9685, 98.6550



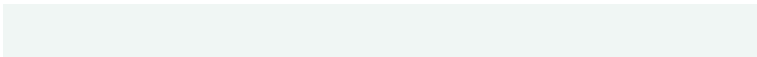
85.1966, 88.3262, 96.5673

Split Complementary

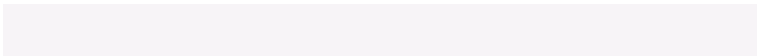
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6183, 90.9685, 97.6100



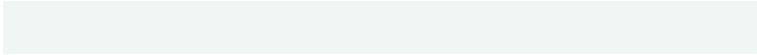
85.2201, 90.9685, 98.6550



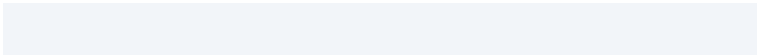
87.4793, 90.9685, 101.1945

Square

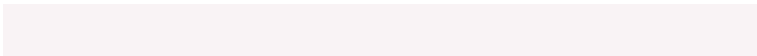
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2201, 90.9685, 98.6550



86.3251, 90.9685, 102.6687



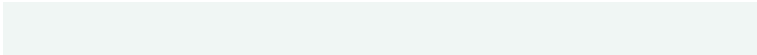
87.7176, 90.9685, 99.4445



86.6007, 90.9685, 95.5158

Rectangle

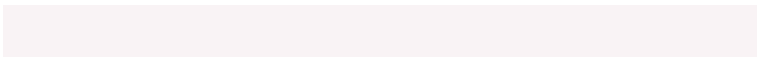
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



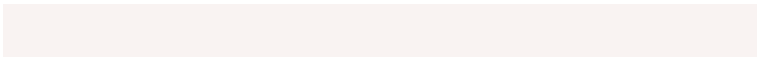
85.2201, 90.9685, 98.6550



85.5577, 90.9685, 101.5559



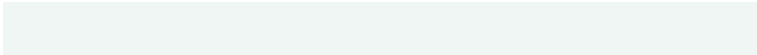
87.7176, 90.9685, 99.4445



87.3743, 90.9685, 96.5841

Sweetspot

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



85.2227, 90.9724, 98.6570



93.9813, 99.4649, 108.1362



85.3393, 91.1019, 95.5260



20.1271, 21.2952, 23.1537



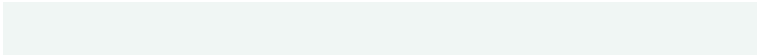
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.2227, 90.9724, 98.6570



91.8829, 98.4145, 106.6200



85.2554, 90.5482, 100.1776



17.8496, 19.2092, 20.7809



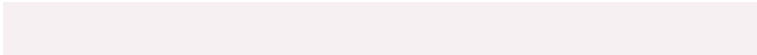
21.2295, 36.6366, 25.0261



1.9135, 3.2390, 2.4501

Inverse Universe

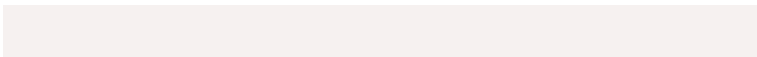
The Inverse Universe completely reimagines the original color for something new.



85.1966, 88.3262, 96.5673



91.8481, 94.8919, 103.8382



85.1629, 88.7380, 95.0790



17.8411, 18.3424, 20.0964



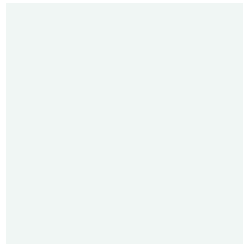
21.1594, 10.8072, 5.5478



1.9055, 0.9682, 0.7287

Previews

White Background



This preview shows how the XYZ color 85.2201, 90.9685, 98.6550 looks on a white background.

Color Contrast Check

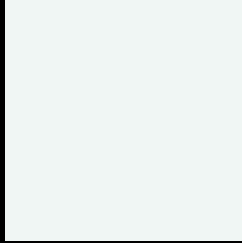
Large Text (above 18pt) WCAG AA × Fail

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 85.2201, 90.9685, 98.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

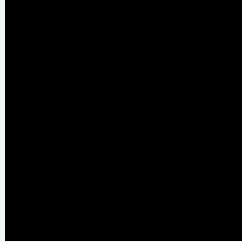
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

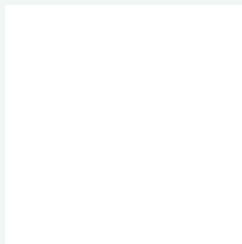
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2201, 90.9685, 98.6550

Background



This preview shows how black text looks on a background with the XYZ color 85.2201, 90.9685, 98.6550.



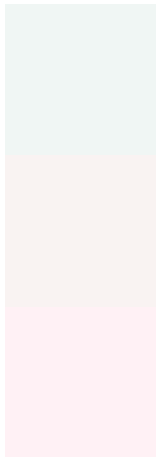
This preview shows how white text looks on a background with the XYZ color 85.2201, 90.9685,

98.6 50.

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

85.2201, 90.9685, 98.6550

Protanopia

87.1445, 90.6517, 96.9089

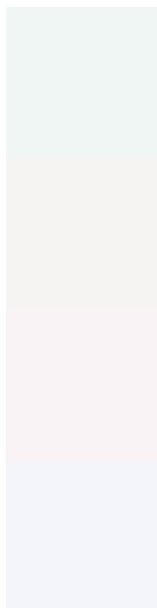
Deuteranopia

89.1767, 90.7632, 99.2051

Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

85.2201, 90.9685, 98.6550

Protanomaly

86.5344, 90.7653, 97.7526

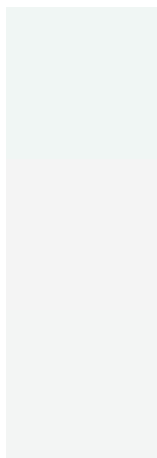
Deuteranomaly

87.9564, 91.0177, 99.3186

Tritanomaly

87.0271, 91.3245, 104.3074

Monochromacy



Original Color

85.2201, 90.9685, 98.6550

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9437, 90.8912, 98.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2201, 90.9685, 98.6550 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, 246, 244) looks like.

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

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, 246, 244) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 85.2201, 90.9685, 98.6550 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, 246, 244) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 85.2201, 90.9685, 98.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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