

Converting Colors

XYZ(86.4507, 89.3448,
106.3185)

Have a look what the booklet for
XYZ(86.4507, 89.3448, 106.3185)
contains.

XYZ(86.3068, 89.1210, 106.4192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.3068, 89.1210,
106.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1FE
RGB	243, 241, 254
RGB Percent	95%, 95%, 100%
CMY	0.0471, 0.0549, 0.0039
CMYK	0.04, 0.05, 0.00, 0.00
HSL	249°, 87%, 97%
HSV	249°, 5%, 100%
XYZ	86.3068, 89.1210, 106.4192
YIQ	243.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

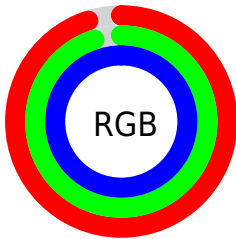
Format	Color
R _Y B	243, 241, 254
Decimal	15987198
CIE Lab	95.63, 3.01, -6.01
CIE LCh	96, 6.724, 296.597
Yxy	89.1210, 0.3062, 0.3162
Android (android.graphics.Color)	4294177278 (0xFFFF3F1FE)
YUV	243.0800, 5.3836, -0.0702
Hunter-Lab	94.4039, -2.0170, -0.7534

Details

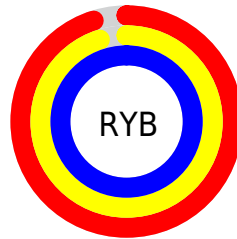
The XYZ color **86.3068, 89.1210, 106.4192** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.4673, 97.9324, 97.3055**, and the grayscale version is **85.2175, 89.6554, 97.6348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9205, 49.2939, 59.8123** is the 20% darker color. If you saturate the color by 10%, you get **72.3167, 71.5169, 103.7600**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0557**.

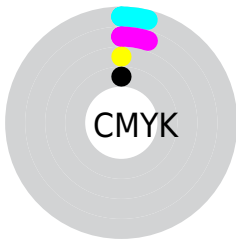
Distribution



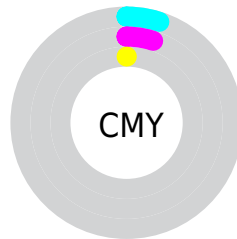
- Red (95%)
- Green (95%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3068, 89.1210, 106.4192 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 86.3068, 89.1210, 106.4192 by changing the saturation by 10% instead.

 86.3068, 89.1210,
106.4192

 86.3068, 89.1210,
106.4192


504.3611,
525.1673, 602.0045

 65.2478, 67.2518,
81.0255


141.1022,
146.1168, 172.0796

 47.9275, 49.2893,
60.0315


175.5693,
182.0123, 213.1833

 33.9805, 34.8490,
43.0186

215.2365,
223.3519, 260.3609

 23.0414, 23.5466,
29.5682

260.4691,
270.5202, 314.0308

 14.7450, 14.9976,
19.2618

311.6325,
323.9015, 374.6116

 8.7257, 8.8177,
11.6809

369.0921,

 4.6184, 4.6225,

383.8802, 442.5218

6.4069

433.2131,
450.8407, 518.1799

■ 2.0576, 2.0275,
3.0213

■ 0.6660, 0.6234,
1.1055

■ 86.3068, 89.1210,
106.4192

■ 86.3068, 89.1210,
106.4192

■ 72.3167, 71.5169,
103.7600

94.8897, 99.9359,
108.0557

■ 60.1681, 56.3517,
101.4731

■ 49.7859, 43.5207,
99.5437

■ 41.0869, 32.9073,
97.9536

■ 33.9810, 24.3847,
96.6831

■ 28.3698, 17.8130,
95.7103

■ 24.1432, 13.0352,
95.0109

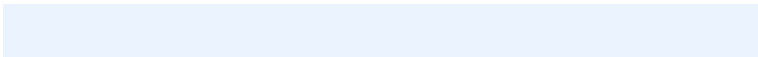
■ 21.1759, 9.8696,
94.5563

■ 19.3175, 8.0945,
94.3116

Harmonies

Analogous

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



84.4962, 89.1210, 107.5487



86.3068, 89.1210, 106.4192



87.7063, 89.1210, 102.7453

Triad

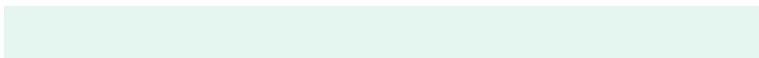
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3068, 89.1210, 106.4192



86.6770, 89.1210, 88.7921



81.2110, 89.1210, 96.4352

Complementary

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



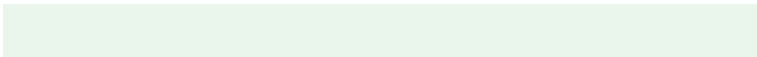
86.3068, 89.1210, 106.4192



91.4673, 97.9324, 97.3055

Split Complementary

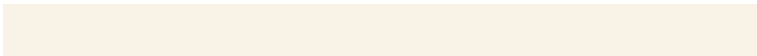
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7765, 89.1210, 91.5454



86.3068, 89.1210, 106.4192



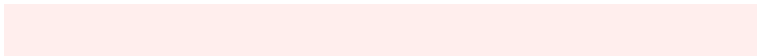
84.9178, 89.1210, 87.2347

Square

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



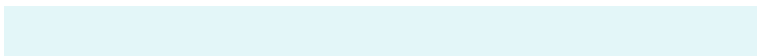
86.3068, 89.1210, 106.4192



87.9222, 89.1210, 92.5549



83.1268, 89.1210, 88.2243



81.5708, 89.1210, 101.6628

Rectangle

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



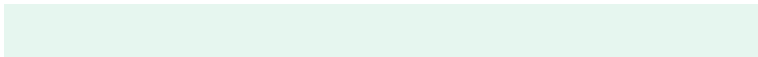
86.3068, 89.1210, 106.4192



88.2086, 89.1210, 99.4143



83.1268, 89.1210, 88.2243



81.2990, 89.1210, 94.6991

Sweetspot

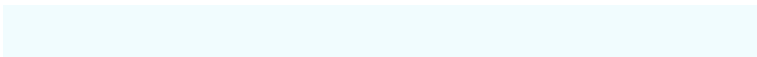
The Sweet Spot groups the original color and five complimentary colors.



86.3094, 89.1248, 106.4212



91.8742, 95.9795, 108.2914



88.9940, 95.5113, 107.5124



19.6981, 20.5857, 23.1852



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.



86.3094, 89.1248, 106.4212



85.7570, 88.2498, 107.1218



88.5752, 90.2929, 106.5272



18.1480, 18.6273, 22.8889



9.9489, 4.0393, 49.6899



1.0409, 0.4305, 4.8415

Inverse Universe

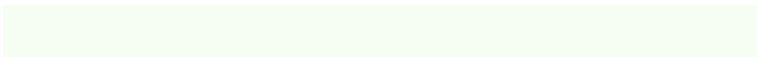
The Inverse Universe completely reimagines the original color for something new.



89.9022, 91.0137, 104.9291



89.9857, 90.4732, 105.3568



89.1702, 96.7482, 97.1980



19.1477, 19.1529, 22.4701



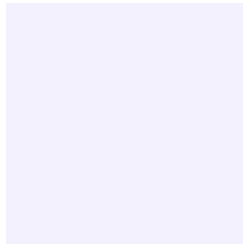
28.0593, 13.7130, 35.2923



2.7630, 1.3476, 3.5994

Previews

White Background



This preview shows how the XYZ color 86.3068, 89.1210, 106.4192 looks on a white background.

Color Contrast Check

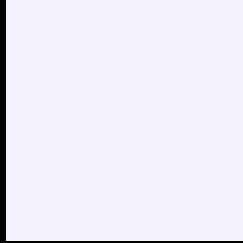
Large Text (above 18pt) WCAG AA × Fail

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 86.3068, 89.1210, 106.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

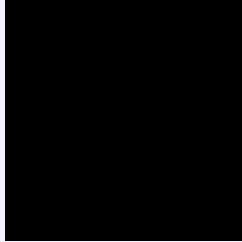
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3068, 89.1210, 106.4192

Background



This preview shows how black text looks on a background with the XYZ color 86.3068, 89.1210, 106.4192.



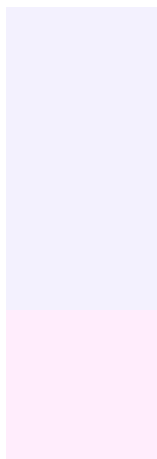
This preview shows how white text looks on a background with the XYZ color 86.3068, 89.1210,

106.4192.

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

86.3068, 89.1210, 106.4192

Protanopia

86.3068, 89.1210, 106.4192

Deuteranopia

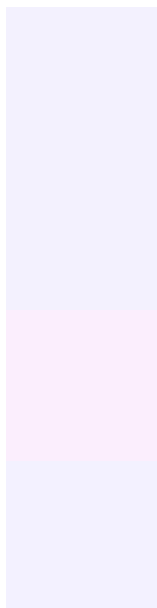
89.0949, 88.8566, 104.5507



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

86.3068, 89.1210, 106.4192

Protanomaly

86.3068, 89.1210, 106.4192

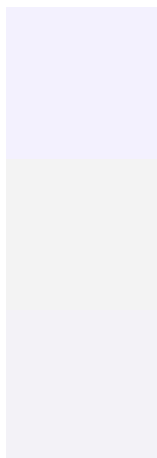
Deuteranomaly

88.0878, 88.7501, 105.4163

Tritanomaly

86.4674, 89.1853, 107.2649

Monochromacy



Original Color

86.3068, 89.1210, 106.4192

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5028, 89.2743, 100.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3068, 89.1210, 106.4192 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, 241, 254) looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 254)  
}
```

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, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.3068, 89.1210, 106.4192 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, 241, 254) }
```


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

```
.border{ border-color:rgb(243, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3068, 89.1210, 106.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 254) }
```

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

```
.background{ background-color: rgb(243,  
241, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor