

Converting Colors

XYZ(86.0584, 89.1029,
101.4746)

Have a look what the booklet for
XYZ(86.0584, 89.1029, 101.4746)
contains.

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Color

**XYZ(86.0548, 89.1004,
101.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1F8
RGB	245, 241, 248
RGB Percent	96%, 95%, 97%
CMY	0.0392, 0.0549, 0.0274
CMYK	0.01, 0.03, 0.00, 0.03
HSL	274°, 33%, 96%
HSV	274°, 3%, 97%
XYZ	86.0548, 89.1004, 101.4695
YIQ	242.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

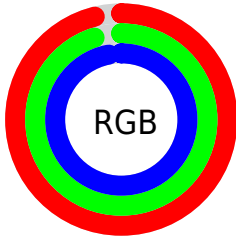
Format	Color
R_{YB}	245, 241, 248
Decimal	16118264
CIE Lab	95.62, 2.58, -2.90
CIE LCh	96, 3.880, 311.600
Yxy	89.1004, 0.3111, 0.3221
Android (android.graphics.Color)	4294308344 (0xFF5F1F8)
YUV	242.9940, 2.4680, 1.7593
Hunter-Lab	94.3930, -2.4556, 2.3402

Details

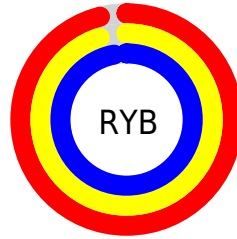
The XYZ color **86.0548, 89.1004, 101.4695** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.7562, 92.7212, 96.5480**, and the grayscale version is **85.1698, 89.6053, 97.5801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8497, 49.3225, 56.8674** is the 20% darker color. If you saturate the color by 10%, you get **75.6045, 73.5492, 99.0199**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0735**.

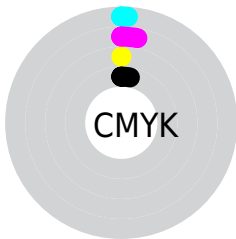
Distribution



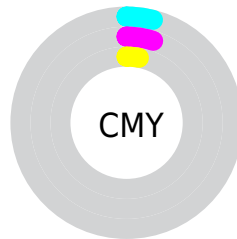
- Red (96%)
- Green (95%)
- Blue (97%)



- Red (96%)
- Yellow (95%)
- Blue (97%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0548, 89.1004, 101.4695 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 86.0548, 89.1004, 101.4695 by changing the saturation by 10% instead.

 86.0548, 89.1004,
101.4695

 86.0548, 89.1004,
101.4695


503.5431,
525.1001, 586.1807

 65.0387, 67.2348,
76.9046

140.7524,
146.0882, 165.2446

 47.7573, 49.2754,
56.6635


175.1646,
181.9791, 205.2919

 33.8452, 34.8380,
40.3276


214.7729,
223.3139, 251.3371

 22.9370, 23.5381,
27.4783

259.9426,
270.4770, 303.7988

 14.6674, 14.9914,
17.6972

311.0392,
323.8528, 363.0955

 8.6711, 8.8133,
10.5656

368.4279,

 4.5827, 4.6196,

383.8256, 429.6456

5.6651

432.4741,
450.7800, 503.8679

■ 2.0368, 2.0259,
2.5770

■ 0.6545, 0.6224,
0.8806

■ 86.0548, 89.1004,
101.4695

■ 86.0548, 89.1004,
101.4695

■ 75.6045, 73.5492,
99.0199

■ 93.9435, 99.5574,
103.0735

■ 66.3205, 60.0207,
96.8980

■ 58.1590, 48.4312,
95.0912

■ 51.0703, 38.6868,
93.5839

■ 45.0003, 30.6853,
92.3594

■ 39.8901, 24.3145,
91.3990

■ 35.6736, 19.4485,
90.6821

■ 32.2753, 15.9424,
90.1844

■ 29.6042, 13.6206,
89.8770

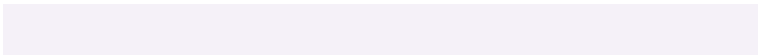
Harmonies

Analogous

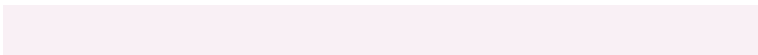
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0999, 89.1004, 102.8772



86.0548, 89.1004, 101.4695



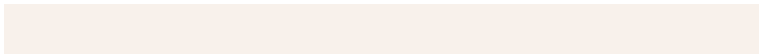
86.6462, 89.1004, 98.8791

Triad

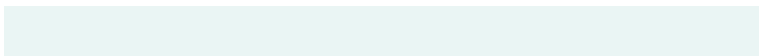
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0548, 89.1004, 101.4695



85.3356, 89.1004, 91.5534



82.6961, 89.1004, 98.1998

Complementary

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



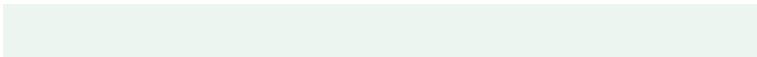
86.0548, 89.1004, 101.4695



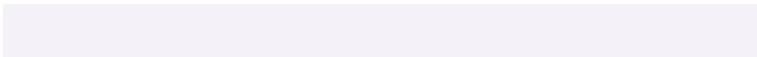
86.7562, 92.7212, 96.5480

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.



82.7580, 89.1004, 95.1748



86.0548, 89.1004, 101.4695



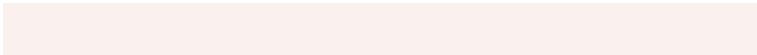
84.2760, 89.1004, 91.3802

Square

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



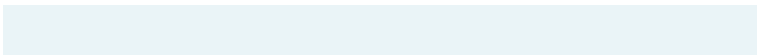
86.0548, 89.1004, 101.4695



86.2286, 89.1004, 93.1715



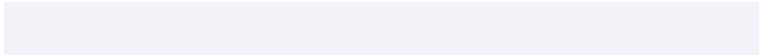
83.3343, 89.1004, 92.6932



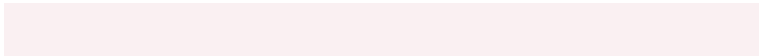
83.1644, 89.1004, 100.9632

Rectangle

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



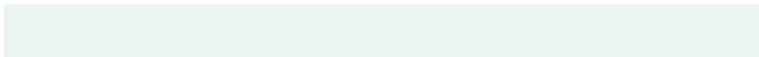
86.0548, 89.1004, 101.4695



86.7518, 89.1004, 96.8515



83.3343, 89.1004, 92.6932



82.6557, 89.1004, 97.1791

Sweetspot

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



86.0574, 89.1042, 101.4714



93.8407, 98.1770, 108.6119



85.5831, 90.2030, 101.7085



20.0985, 21.0331, 23.2504



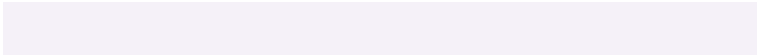
0.0000, 0.0000, 0.0000



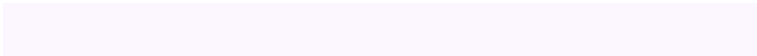
20.3446, 21.4041, 23.3091

Same Dimension

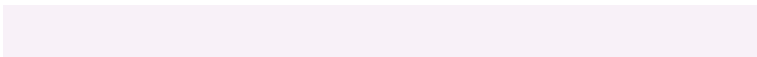
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0574, 89.1042, 101.4714



91.4613, 94.5989, 108.0466



87.0403, 89.6193, 101.1401



18.5499, 19.0975, 22.0938



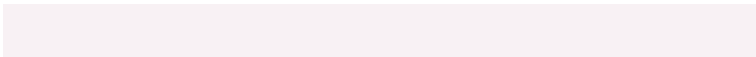
15.3108, 6.8357, 48.4860



1.5394, 0.6956, 4.4963

Inverse Universe

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



86.4990, 89.4028, 98.2900



91.9623, 94.9375, 104.4395



85.7933, 92.2168, 96.8672



18.6796, 19.1851, 21.1619



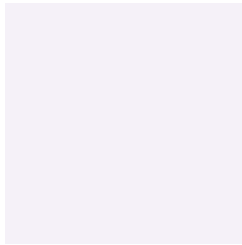
22.3940, 11.3733, 8.7832



2.1260, 1.0741, 1.0869

Previews

White Background



This preview shows how the XYZ color 86.0548, 89.1004, 101.4695 looks on a white background.

Color Contrast Check

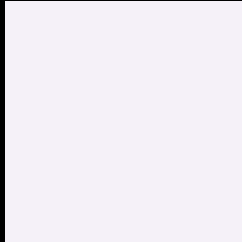
Large Text (above 18pt) WCAG AA × Fail

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 86.0548, 89.1004, 101.4695 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

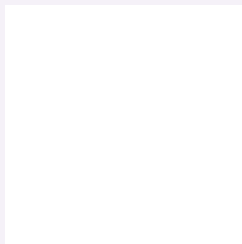
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0548, 89.1004, 101.4695

Background



This preview shows how black text looks on a background with the XYZ color 86.0548, 89.1004, 101.4695.



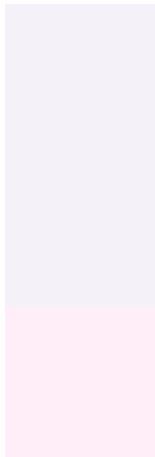
This preview shows how white text looks on a background with the XYZ color 86.0548, 89.1004,

101.4695.

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

86.0548, 89.1004, 101.4695

Protanopia

86.0548, 89.1004, 101.4695

Deuteranopia

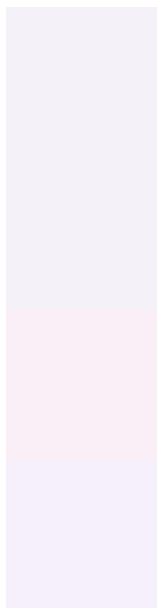
88.6030, 89.1245, 100.5285



Tritanopia

87.2161, 89.1330, 107.2153

Trichromacy



Original Color

86.0548, 89.1004, 101.4695

Protanomaly

86.0548, 89.1004, 101.4695

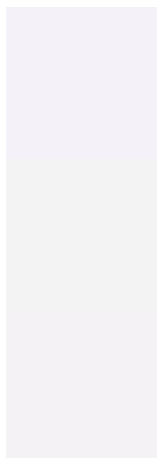
Deuteranomaly

87.4387, 88.9576, 100.5577

Tritanomaly

86.7368, 88.9413, 104.6913

Monochromacy



Original Color

86.0548, 89.1004, 101.4695

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5418, 89.3299, 99.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0548, 89.1004, 101.4695 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(245, 241, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 248)  
}
```

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(245, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 248) }
```

Border

The CSS property to change the border of an element to XYZ 86.0548, 89.1004, 101.4695 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(245, 241, 248) }
```


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

```
.border{ border-color:rgb(245, 241, 248) }
```

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

Here you see how a box with a 4 pixel rgb(245, 241, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0548, 89.1004, 101.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 248) }
```

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

```
.background{ background-color: rgb(245,  
241, 248) }
```

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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