

Converting Colors

XYZ(88.4802, 91.0580,
105.6968)

Have a look what the booklet for
XYZ(88.4802, 91.0580, 105.6968)
contains.

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Color

**XYZ(88.4916, 91.1495,
105.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F3FD
RGB	248, 243, 253
RGB Percent	97%, 95%, 99%
CMY	0.0274, 0.0470, 0.0078
CMYK	0.02, 0.04, 0.00, 0.01
HSL	270°, 71%, 97%
HSV	270°, 4%, 99%
XYZ	88.4916, 91.1495, 105.8581
YIQ	245.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

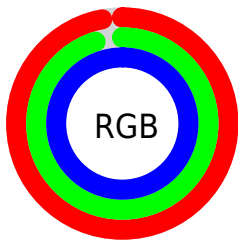
Format	Color
R _Y B	248, 243, 253
Decimal	16315389
CIE Lab	96.47, 3.44, -4.21
CIE LCh	96, 5.439, 309.216
Yxy	91.1495, 0.3100, 0.3193
Android (android.graphics.Color)	4294505469 (0xFFF8F3FD)
YUV	245.6350, 3.6309, 2.0741
Hunter-Lab	95.4722, -1.6278, 1.0908

Details

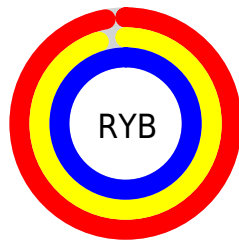
The XYZ color 88.4916, 91.1495, 105.8581 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.0178, 96.6805, 98.7154, and the grayscale version is 87.2766, 91.8218, 99.9940.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4724, 50.7326, 59.4095 is the 20% darker color. If you saturate the color by 10%, you get 77.1005, 74.8034, 103.3047, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2143.

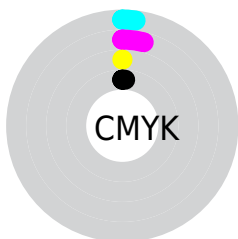
Distribution



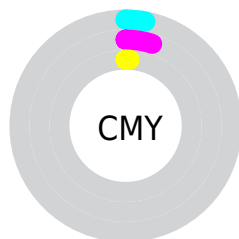
- Red (97%)
- Green (95%)
- Blue (99%)



- Red (97%)
- Yellow (95%)
- Blue (99%)



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





- Cyan (3%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4916, 91.1495, 105.8581 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 88.4916, 91.1495, 105.8581 by changing the saturation by 10% instead.


 88.4916, 91.1495,
105.8581

 88.4916, 91.1495,
105.8581


511.4231,
531.7631, 600.2218

 67.0624, 68.9344,
80.5578


144.1304,
148.9341, 171.3064

 49.4062, 50.6583,
59.6486


179.0707,
185.2724, 212.2914

 35.1577, 35.9368,
42.7120


219.2455,
227.0872, 259.3417

 23.9515, 24.3854,
29.3295

265.0200,
274.7629, 312.8758

 15.4222, 15.6197,
19.0825

316.7597,
328.6840, 373.3124

 9.2044, 9.2555,
11.5525

374.8299,

 4.9329, 4.9082,

389.2348, 441.0699

6.3209

439.5959,
456.7997, 516.5668

■ 2.2423, 2.1935,
2.9693

■ 0.7649, 0.7164,
1.0790

■ 88.4916, 91.1495,
105.8581

■ 88.4916, 91.1495,
105.8581

■ 77.1005, 74.8034,
103.3047

94.7299, 99.8720,
107.2143

■ 67.0050, 60.6085,
101.0969

■ 58.1564, 48.4749,
99.2213

■ 50.4997, 38.3018,
97.6612

■ 43.9750, 29.9796,
96.3988

■ 38.5171, 23.3878,
95.4141

■ 34.0530, 18.3906,
94.6848

■ 30.4987, 14.8314,
94.1852

■ 27.7531, 12.5191,
93.8836

Harmonies

Analogous

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



87.1027, 91.1495, 107.7200



88.4916, 91.1495, 105.8581



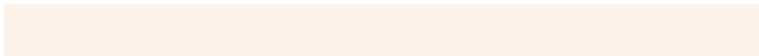
89.3898, 91.1495, 102.2392

Triad

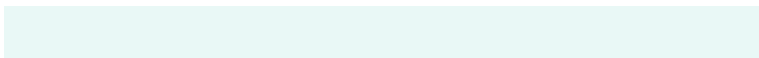
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4916, 91.1495, 105.8581



87.6737, 91.1495, 91.6416



83.7883, 91.1495, 100.5899

Complementary

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



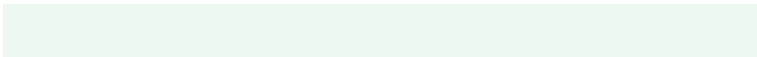
88.4916, 91.1495, 105.8581



90.0178, 96.6805, 98.7154

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.



83.9371, 91.1495, 96.3124



88.4916, 91.1495, 105.8581



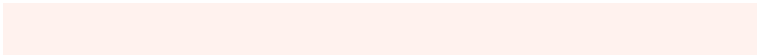
86.1687, 91.1495, 91.2291

Square

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



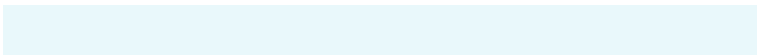
88.4916, 91.1495, 105.8581



88.9138, 91.1495, 94.0594



84.8043, 91.1495, 92.9157



84.3953, 91.1495, 104.6205

Rectangle

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



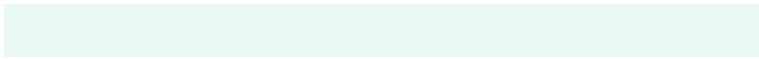
88.4916, 91.1495, 105.8581



89.5834, 91.1495, 99.3606



84.8043, 91.1495, 92.9157



83.7517, 91.1495, 99.1321

Sweetspot

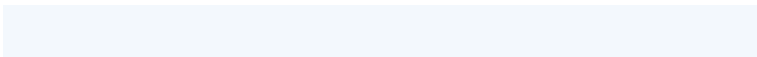
The Sweet Spot groups the original color and five complimentary colors.



88.4942, 91.1534, 105.8601



93.7742, 98.1427, 108.6087



88.3138, 93.3873, 106.3008



20.0850, 21.0262, 23.2498



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.



88.4942, 91.1534, 105.8601



88.8090, 90.9436, 107.4809



90.2302, 92.0483, 105.9413



18.8269, 19.2031, 22.9642



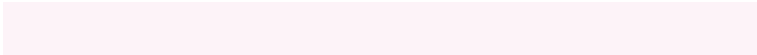
14.2119, 6.2370, 49.8894



1.5097, 0.6722, 4.8634

Inverse Universe

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



89.5051, 91.7653, 101.8067



90.1074, 91.7295, 102.2747



88.3260, 95.8084, 98.6362



19.1432, 19.3945, 21.6963



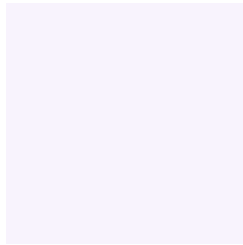
23.6447, 11.9472, 12.0453



2.3573, 1.1853, 1.4631

Previews

White Background



This preview shows how the XYZ color 88.4916, 91.1495, 105.8581 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 88.4916, 91.1495, 105.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

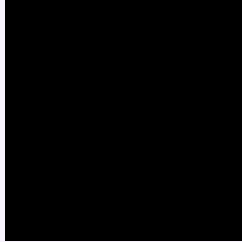
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

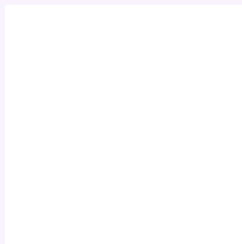
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4916, 91.1495, 105.8581

Background



This preview shows how black text looks on a background with the XYZ color 88.4916, 91.1495, 105.8581.



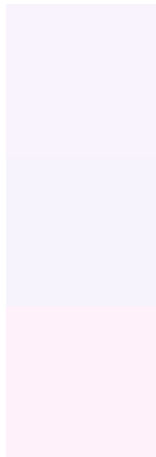
This preview shows how white text looks on a background with the XYZ color 88.4916, 91.1495,

105.8581.

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

88.4916, 91.1495, 105.8581

Protanopia

88.1380, 90.9672, 105.8416

Deuteranopia

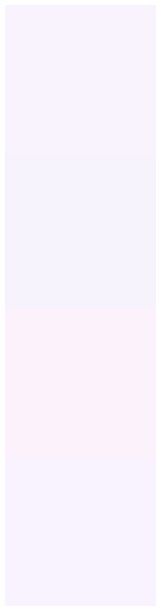
89.9506, 91.0727, 103.2804



Tritanopia

88.8120, 91.2776, 107.5452

Trichromacy



Original Color

88.4916, 91.1495, 105.8581

Protanomaly

88.1380, 90.9672, 105.8416

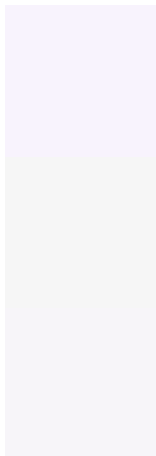
Deuteranomaly

89.3096, 91.1647, 104.1562

Tritanomaly

88.6514, 91.2134, 106.6994

Monochromacy



Original Color

88.4916, 91.1495, 105.8581

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1091, 91.9185, 102.7207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4916, 91.1495, 105.8581 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(248, 243, 253) looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 253)  
}
```

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(248, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.4916, 91.1495, 105.8581 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(248, 243, 253) }
```


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

```
.border{ border-color:rgb(248, 243, 253) }
```

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

Here you see how a box with a 4 pixel rgb(248, 243, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4916, 91.1495, 105.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 253) }
```

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

```
.background{ background-color: rgb(248,  
243, 253) }
```

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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