

Converting Colors

XYZ(89.5019, 91.7611,
101.8014)

Have a look what the booklet for
XYZ(89.5019, 91.7611, 101.8014)
contains.

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Color

**XYZ(89.5019, 91.7611,
101.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3F8
RGB	253, 243, 248
RGB Percent	99%, 95%, 97%
CMY	0.0078, 0.0470, 0.0274
CMYK	0.00, 0.04, 0.02, 0.01
HSL	330°, 71%, 97%
HSV	330°, 4%, 99%
XYZ	89.5019, 91.7611, 101.8014
YIQ	246.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

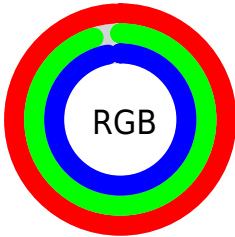
Format	Color
R _Y B	253, 243, 248
Decimal	16643064
CIE Lab	96.72, 4.21, -1.22
CIE LCh	97, 4.381, 343.866
Yxy	91.7611, 0.3162, 0.3242
Android (android.graphics.Color)	4294833144 (0xFFFD3F8)
YUV	246.5600, 0.7099, 5.6479
Hunter-Lab	95.7920, -0.8571, 4.0449

Details

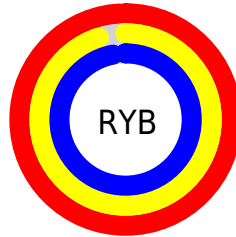
The XYZ color **89.5019, 91.7611, 101.8014** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.0341, 96.0850, 102.6653**, and the grayscale version is **88.0451, 92.6302, 100.8743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0497, 51.0822, 57.0911** is the 20% darker color. If you saturate the color by 10%, you get **80.5493, 76.8915, 89.4562**, and if you desaturate by 10%, it is **94.3186, 99.6230, 108.8658**.

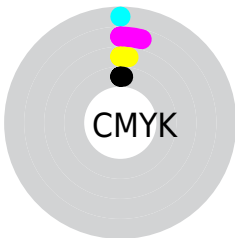
Distribution



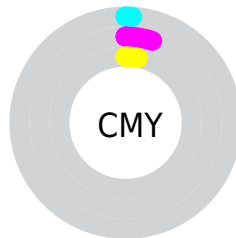
- Red (99%)
- Green (95%)
- Blue (97%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.5019, 91.7611, 101.8014 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 89.5019, 91.7611, 101.8014 by changing the saturation by 10% instead.


 89.5019, 91.7611,
101.8014

 89.5019, 91.7611,
101.8014


514.6713,
533.7431, 587.2487

 67.9025, 69.4422,
77.1806


145.5282,
149.7822, 165.7039

 50.0918, 51.0719,
56.8886


180.6858,
186.2533, 205.8227

 35.7045, 36.2659,
40.5071

221.0935,
228.2105, 251.9446

 24.3751, 24.6396,
27.6173

267.1167,
276.0383, 304.4880

 15.7383, 15.8087,
17.8009

319.1207,
330.1211, 363.8716

 9.4288, 9.3889,
10.6392

377.4709,

 5.0813, 4.9957,

390.8432, 430.5139

5.7136

442.5327,
458.5891, 504.8335

■ 2.3303, 2.2448,
2.6058

■ 0.8101, 0.7442,
0.8954

■ 89.5019, 91.7611,
101.8014

■ 89.5019, 91.7611,
101.8014

■ 80.5493, 76.8915,
89.4562

94.3186, 99.6230,
108.8658

■ 72.7251, 64.0716,
78.1281

■ 65.9840, 53.2140,
67.7900

■ 60.2744, 44.2197,
58.4110

■ 55.5404, 36.9817,
49.9582

■ 51.7204, 31.3815,
42.3966

■ 48.7454, 27.2859,
35.6878

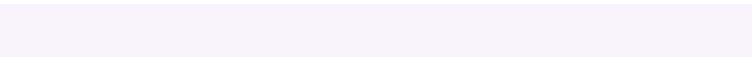
■ 46.5356, 24.5407,
29.7894

■ 44.9942, 22.9574,
24.6525

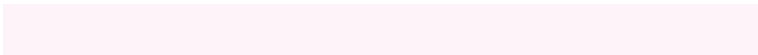
Harmonies

Analogous

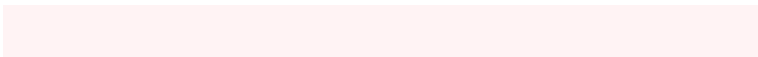
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8611, 91.7611, 104.8626



89.5019, 91.7611, 101.8014



89.5265, 91.7611, 98.3019

Triad

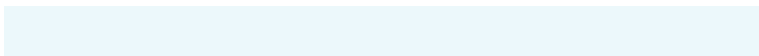
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5019, 91.7611, 101.8014



86.6521, 91.7611, 93.4957



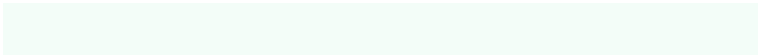
85.5265, 91.7611, 104.6674

Complementary

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



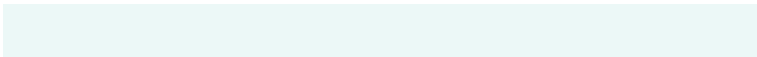
89.5019, 91.7611, 101.8014



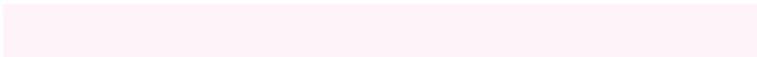
89.0341, 96.0850, 102.6653

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.



84.9459, 91.7611, 101.5400



89.5019, 91.7611, 101.8014



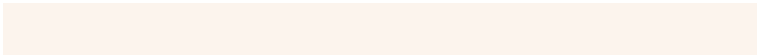
85.5917, 91.7611, 95.1202

Square

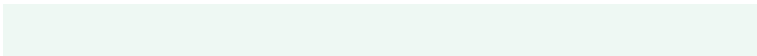
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



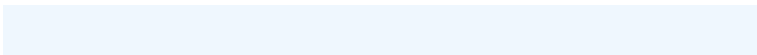
89.5019, 91.7611, 101.8014



87.8733, 91.7611, 93.5620



84.9697, 91.7611, 98.0466



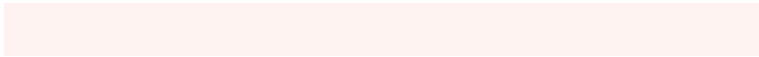
86.5623, 91.7611, 106.5436

Rectangle

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



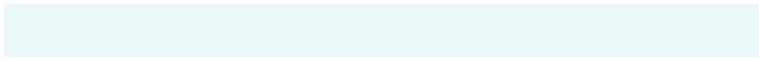
89.5019, 91.7611, 101.8014



89.1896, 91.7611, 96.1946



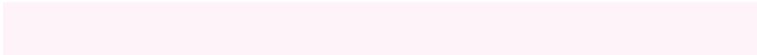
84.9697, 91.7611, 98.0466



85.2721, 91.7611, 103.7244

Sweetspot

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



89.5045, 91.7651, 101.8034



94.0372, 98.3019, 107.5526



88.4950, 91.1538, 105.8601



20.1385, 21.0585, 23.0349



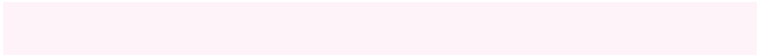
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

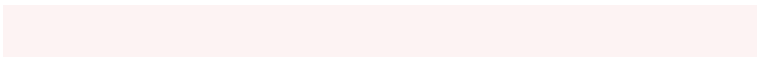
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5045, 91.7651, 101.8034



90.1066, 91.7292, 102.2705



88.7395, 91.4591, 97.7749



19.1430, 19.3944, 21.6952



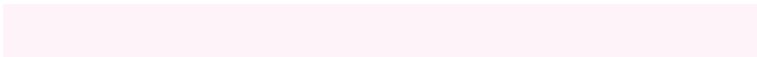
23.6411, 11.9457, 12.0265



2.3570, 1.1852, 1.4612

Inverse Universe

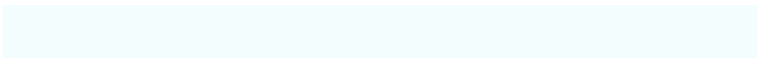
The Inverse Universe completely reimagines the original color for something new.



89.5045, 91.7651, 101.8034



90.1066, 91.7292, 102.2705



89.8199, 96.3993, 106.8028



19.1430, 19.3944, 21.6952



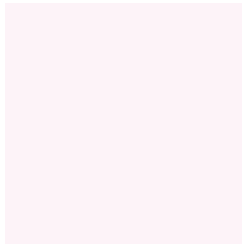
23.6411, 11.9457, 12.0265



2.3570, 1.1852, 1.4612

Previews

White Background



This preview shows how the XYZ color 89.5019, 91.7611, 101.8014 looks on a white background.

Color Contrast Check

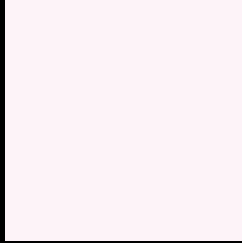
Large Text (above 18pt) WCAG AA × Fail

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 89.5019, 91.7611, 101.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

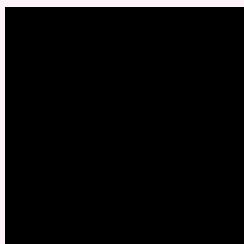
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5019, 91.7611, 101.8014

Background



This preview shows how black text looks on a background with the XYZ color 89.5019, 91.7611, 101.8014.



This preview shows how white text looks on a background with the XYZ color 89.5019, 91.7611,

101.8014.

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**

89.5019, 91.7611, 101.8014

Protanopia

88.5165, 91.6807, 102.6533

Deuteranopia

89.7806, 91.4797, 100.9211



Tritanopia

90.2455, 92.0166, 107.6123

Trichromacy



Original Color

89.5019, 91.7611, 101.8014

Protanomaly

88.8739, 91.8649, 102.6701

Deuteranomaly

89.4137, 91.2905, 100.9039

Tritanomaly

89.7662, 91.8249, 105.0883

Monochromacy



Original Color

89.5019, 91.7611, 101.8014

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.8112, 92.7667, 101.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5019, 91.7611, 101.8014 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(253, 243, 248) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 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(253, 243, 248) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 89.5019, 91.7611, 101.8014 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(253, 243, 248) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 89.5019, 91.7611, 101.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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