

Converting Colors

XYZ(89.7134, 91.5727,
100.1970)

Have a look what the booklet for
XYZ(89.7134, 91.5727, 100.1970)
contains.

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Color

**XYZ(89.6267, 91.4181,
100.1104)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2F6
RGB	255, 242, 246
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0510, 0.0353
CMYK	0.00, 0.05, 0.04, 0.00
HSL	342°, 100%, 97%
HSV	342°, 5%, 100%
XYZ	89.6267, 91.4181, 100.1104
YIQ	246.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

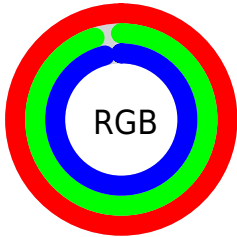
Format	Color
R_{YB}	255, 242, 246
Decimal	16773878
CIE _{Lab}	96.58, 5.04, -0.37
CIE _{LCh}	97, 5.055, 355.793
Yxy	91.4181, 0.3188, 0.3252
Android (android.graphics.Color)	4294963958 (0xFFFFF2F6)
YUV	246.3430, -0.1691, 7.5922
Hunter-Lab	95.6128, 0.0021, 4.8500

Details

The XYZ color **89.6267, 91.4181, 100.1104** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7933, 97.3636, 105.3308**, and the grayscale version is **87.8745, 92.4509, 100.6790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.1419, 50.8413, 55.8858** is the 20% darker color. If you saturate the color by 10%, you get **79.9770, 76.2519, 84.1515**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

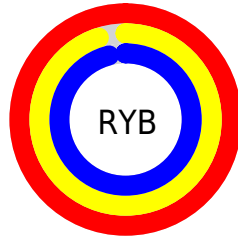
Distribution



Red (100%)

Green (95%)

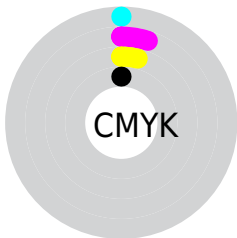
Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)

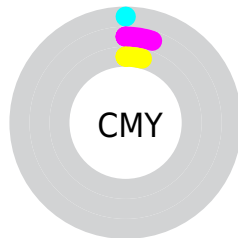


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.6267, 91.4181, 100.1104 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 89.6267, 91.4181, 100.1104 by changing the saturation by 10% instead.


 89.6267, 91.4181,
100.1104

 89.6267, 91.4181,
100.1104


515.0718,
532.6332, 581.7963

 68.0063, 69.1574,
75.7753

145.7007,
149.3066, 163.3621

 50.1766, 50.8399,
55.7428


180.8851,
185.7033, 203.1158

 35.7721, 36.0812,
39.5941

221.3215,
227.5807, 248.8461

 24.4275, 24.4969,
26.9108

267.3754,
275.3233, 300.9717

 15.7775, 15.7027,
17.2744

319.4119,
329.3154, 359.9109

 9.4567, 9.3140,
10.2663

377.7966,

 5.0997, 4.9465,

389.9415, 426.0824

5.4680

442.8948,
457.5860, 499.9047

■ 2.3413, 2.2159,
2.4609

■ 0.8156, 0.7287,
0.8193

■ 89.6267, 91.4181,
100.1104

■ 89.6267, 91.4181,
100.1104

■ 79.9770, 76.2519,
84.1515

95.0500, 100.0000,
108.9000

■ 71.5904, 63.2116,
69.8484

■ 64.4151, 52.2046,
57.1483

■ 58.3929, 43.1275,
45.9933

■ 53.4610, 35.8677,
36.3215

■ 49.5501, 30.3007,
28.0669

■ 46.5827, 26.2862,
21.1579

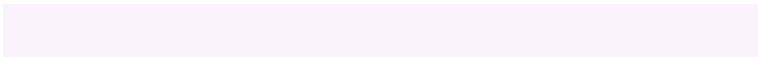
■ 44.4693, 23.6610,
15.5156

■ 43.1010, 22.2247,
11.0505

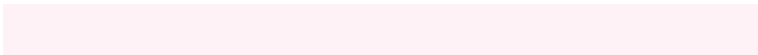
Harmonies

Analogous

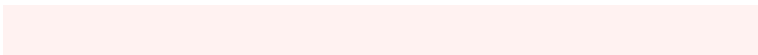
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1554, 91.4181, 103.9754



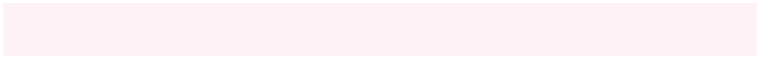
89.6267, 91.4181, 100.1104



89.3582, 91.4181, 96.1929

Triad

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



89.6267, 91.4181, 100.1104



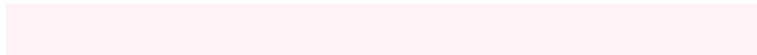
85.7139, 91.4181, 92.6992



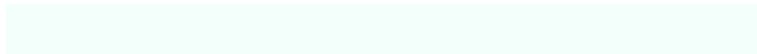
85.3724, 91.4181, 106.1103

Complementary

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



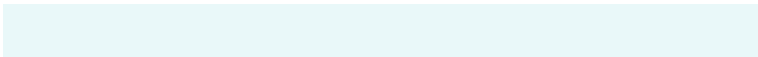
89.6267, 91.4181, 100.1104



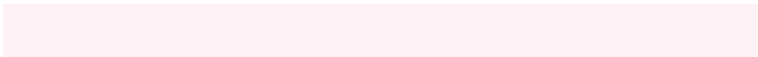
89.7933, 97.3636, 105.3308

Split Complementary

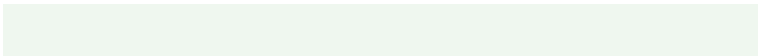
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4680, 91.4181, 102.9614



89.6267, 91.4181, 100.1104



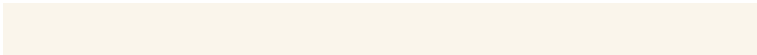
84.6636, 91.4181, 95.2302

Square

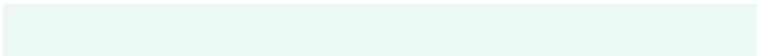
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



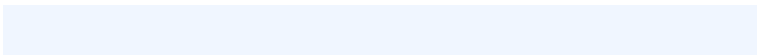
89.6267, 91.4181, 100.1104



87.0895, 91.4181, 91.9821



84.2099, 91.4181, 98.9693



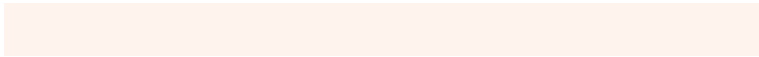
86.6911, 91.4181, 107.4984

Rectangle

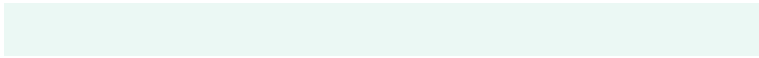
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



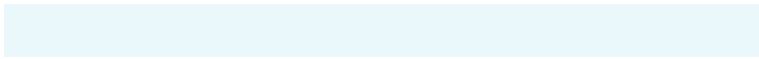
89.6267, 91.4181, 100.1104



88.7974, 91.4181, 94.0672



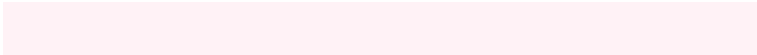
84.2099, 91.4181, 98.9693



85.0104, 91.4181, 105.2185

Sweetspot

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



89.6287, 91.4218, 100.1124



92.8811, 96.5637, 105.3976



89.5463, 91.2158, 107.4946



19.9031, 20.7046, 22.5962



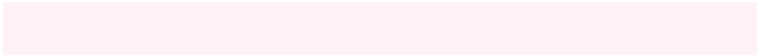
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

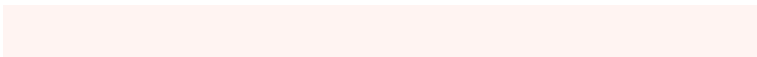
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6287, 91.4218, 100.1124



88.7025, 89.9600, 98.5994



89.7356, 92.6064, 97.1544



18.8442, 19.0316, 20.8723



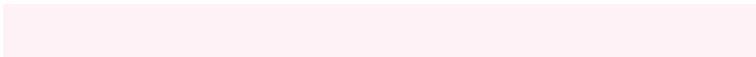
22.3333, 11.4226, 5.1395



2.2209, 1.1307, 0.7446

Inverse Universe

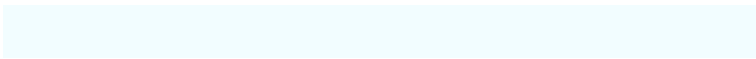
The Inverse Universe completely reimagines the original color for something new.



89.6287, 91.4218, 100.1124



88.7025, 89.9600, 98.5994



89.6748, 96.1078, 108.4320



18.8442, 19.0316, 20.8723



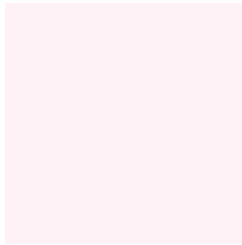
22.3333, 11.4226, 5.1395



2.2209, 1.1307, 0.7446

Previews

White Background



This preview shows how the XYZ color 89.6267, 91.4181, 100.1104 looks on a white background.

Color Contrast Check

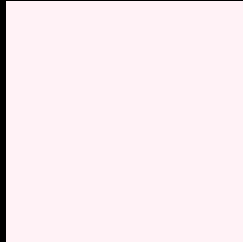
Large Text (above 18pt) WCAG AA × Fail

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 89.6267, 91.4181, 100.1104 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 89.6267, 91.4181, 100.1104

Background



This preview shows how black text looks on a background with the XYZ color 89.6267, 91.4181, 100.1104.

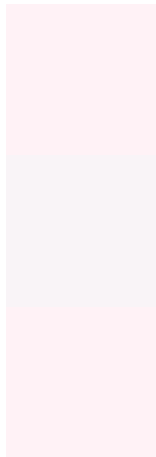


This preview shows how white text looks on a background with the XYZ color 89.6267, 91.4181,

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

89.6267, 91.4181, 100.1104

Protanopia

88.2061, 91.5565, 101.0189

Deuteranopia

89.6267, 91.4181, 100.1104



Tritanopia

90.6752, 91.7951, 107.5469

Trichromacy



Original Color

89.6267, 91.4181, 100.1104

Protanomaly

88.6228, 91.3258, 100.9524

Deuteranomaly

89.6267, 91.4181, 100.1104

Tritanomaly

90.1959, 91.6034, 105.0228

Monochromacy



Original Color

89.6267, 91.4181, 100.1104

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.3539, 92.0984, 100.3088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6267, 91.4181, 100.1104 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(255, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 246)  
}
```

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(255, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 89.6267, 91.4181, 100.1104 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(255, 242, 246) }
```


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

```
.border{ border-color:rgb(255, 242, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6267, 91.4181, 100.1104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 246) }
```

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

```
.background{ background-color: rgb(255,  
242, 246) }
```

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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