

Converting Colors

XYZ(89.2338, 90.6944,
104.9819)

Have a look what the booklet for
XYZ(89.2338, 90.6944, 104.9819)
contains.

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Color

**XYZ(89.1709, 90.6343,
104.8898)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1FC
RGB	252, 241, 252
RGB Percent	99%, 95%, 99%
CMY	0.0118, 0.0549, 0.0118
CMYK	0.00, 0.04, 0.00, 0.01
HSL	300°, 65%, 97%
HSV	300°, 4%, 99%
XYZ	89.1709, 90.6343, 104.8898
YIQ	245.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

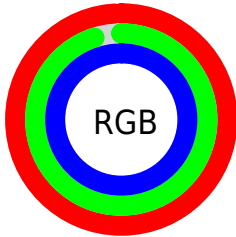
Format	Color
R_{YB}	252, 241, 252
Decimal	16577020
CIE Lab	96.26, 5.60, -3.97
CIE LCh	96, 6.867, 324.639
Yxy	90.6343, 0.3132, 0.3184
Android (android.graphics.Color)	4294767100 (0xFFFCF1FC)
YUV	245.5430, 3.1833, 5.6628
Hunter-Lab	95.2020, 0.5883, 1.3181

Details

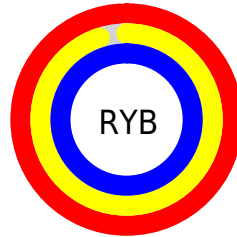
The XYZ color 89.1709, 90.6343, 104.8898 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.9667, 94.6750, 96.9143, and the grayscale version is 87.2041, 91.7455, 99.9108.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7050, 50.2402, 58.7073 is the 20% darker color. If you saturate the color by 10%, you get 82.2225, 76.7363, 102.5744, and if you desaturate by 10%, it is 93.4766, 99.2442, 106.3265.

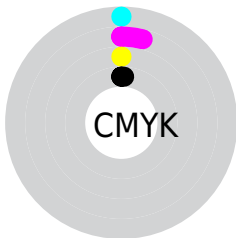
Distribution



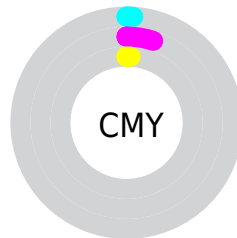
- Red (99%)
- Green (95%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.1709, 90.6343, 104.8898 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 89.1709, 90.6343, 104.8898 by changing the saturation by 10% instead.


 89.1709, 90.6343,
104.8898

 89.1709, 90.6343,
104.8898


513.6083,
530.0920, 597.1387

 67.6272, 68.5069,
79.7509


145.0704,
148.2192, 169.9711

 49.8671, 50.3102,
58.9884


180.1569,
184.4453, 210.7505

 35.5252, 35.6599,
42.1839


220.4885,
226.1399, 257.5806

 24.2361, 24.1717,
28.9186

266.4303,
273.6872, 310.8798

 15.6345, 15.4610,
18.7742

318.3479,
327.4717, 371.0666

 9.3551, 9.1436,
11.3321

376.6065,

 5.0325, 4.8349,

387.8777, 438.5597

6.1737

441.5715,
455.2897, 513.7776

■ 2.3013, 2.1507,
2.8805

■ 0.7953, 0.6929,
1.0339

■ 89.1709, 90.6343,
104.8898

■ 89.1709, 90.6343,
104.8898

■ 82.2225, 76.7363,
102.5744

■ 93.4766, 99.2442,
106.3265

■ 76.2612, 64.8138,
100.5869

■ 93.4766, 99.2442,
106.3269

■ 71.2446, 54.7808,
98.9144

■ 93.4767, 99.2442,
106.3273

■ 67.1243, 46.5402,
97.5406

■ 93.4768, 99.2443,
106.3276

63.8474, 39.9866,
96.4479

93.4768, 99.2443,
106.3280

61.3558, 35.0034,
95.6170

93.4769, 99.2443,
106.3284

59.5836, 31.4593,
95.0259

93.4770, 99.2444,
106.3288

58.4548, 29.2017,
94.6493

93.4771, 99.2444,
106.3292

57.8756, 28.0435,
94.4559

93.4771, 99.2444,
106.3296

Harmonies

Analogous

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



87.6832, 90.6343, 108.5439



89.1709, 90.6343, 104.8898



89.8485, 90.6343, 99.6700

Triad

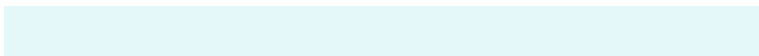
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1709, 90.6343, 104.8898



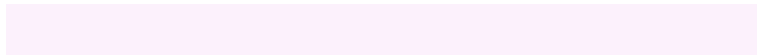
86.4883, 90.6343, 88.5927



82.8543, 90.6343, 103.1293

Complementary

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



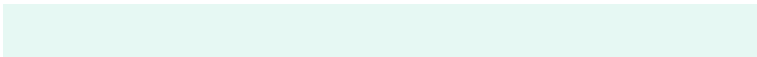
89.1709, 90.6343, 104.8898



86.9667, 94.6750, 96.9143

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.



82.5450, 90.6343, 97.7072



89.1709, 90.6343, 104.8898



84.6252, 90.6343, 89.4426

Square

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



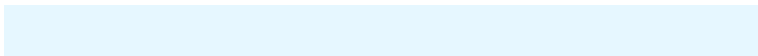
89.1709, 90.6343, 104.8898



88.2852, 90.6343, 90.3649



83.1887, 90.6343, 92.7305



84.0400, 90.6343, 107.5015

Rectangle

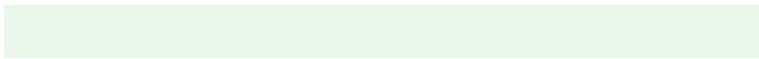
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.1709, 90.6343, 104.8898



89.7426, 90.6343, 96.0546



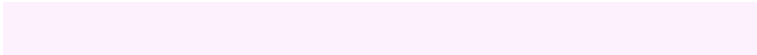
83.1887, 90.6343, 92.7305



82.6452, 90.6343, 101.3637

Sweetspot

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



89.1735, 90.6382, 104.8918



94.2419, 98.3838, 108.6306



85.3056, 88.6442, 104.7109



20.1802, 21.0752, 23.2543



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.



89.1735, 90.6382, 104.8918



91.1166, 92.1332, 107.5887



88.3146, 90.2946, 100.3687



18.5628, 18.6640, 22.0094



30.0643, 14.4414, 49.1745



2.7845, 1.3375, 4.5544

Inverse Universe

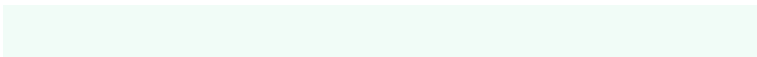
The Inverse Universe completely reimagines the original color for something new.



89.1735, 90.6382, 104.8918



91.1166, 92.1332, 107.5887



87.8006, 95.0085, 101.3057



18.5628, 18.6640, 22.0094



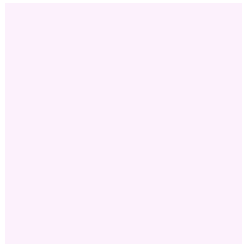
30.0643, 14.4414, 49.1745



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 89.1709, 90.6343, 104.8898 looks on a white background.

Color Contrast Check

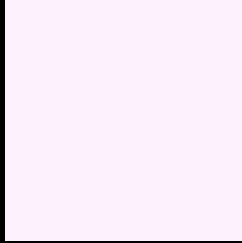
Large Text (above 18pt) WCAG AA × Fail

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 89.1709, 90.6343, 104.8898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

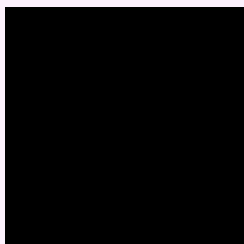
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.1709, 90.6343, 104.8898

Background



This preview shows how black text looks on a background with the XYZ color 89.1709, 90.6343, 104.8898.

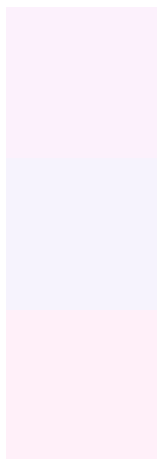


This preview shows how white text looks on a background with the XYZ color 89.1709, 90.6343,

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

89.1709, 90.6343, 104.8898

Protanopia

87.7863, 90.7859, 105.8251

Deuteranopia

89.4990, 90.4197, 102.3582



Tritanopia

89.2890, 90.6398, 107.3969

Trichromacy



Original Color

89.1709, 90.6343, 104.8898

Protanomaly

88.1932, 90.5526, 105.7586

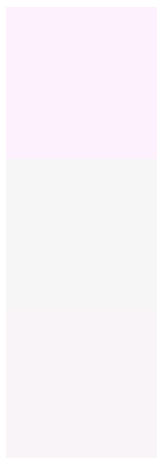
Deuteranomaly

89.2885, 90.2931, 103.1648

Tritanomaly

89.1284, 90.5756, 106.5512

Monochromacy



Original Color

89.1709, 90.6343, 104.8898

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.0054, 91.4351, 101.8173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1709, 90.6343, 104.8898 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(252, 241, 252) looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 252)  
}
```

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(252, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.1709, 90.6343, 104.8898 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(252, 241, 252) }
```


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

```
.border{ border-color:rgb(252, 241, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1709, 90.6343, 104.8898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 252) }
```

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

```
.background{ background-color: rgb(252,  
241, 252) }
```

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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