

Converting Colors

XYZ(87.2190, 89.2980, 99.8281)

Have a look what the booklet for
XYZ(87.2190, 89.2980, 99.8281)
contains.

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Color

**XYZ(87.2190, 89.2980,
99.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF0F6
RGB	250, 240, 246
RGB Percent	98%, 94%, 96%
CMY	0.0196, 0.0588, 0.0353
CMYK	0.00, 0.04, 0.02, 0.02
HSL	324°, 50%, 96%
HSV	324°, 4%, 98%
XYZ	87.2190, 89.2980, 99.8281
YIQ	243.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

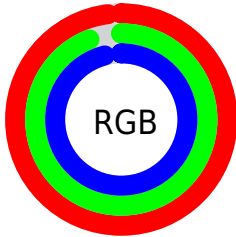
Format	Color
R _Y B	250, 240, 246
Decimal	16445686
CIE Lab	95.70, 4.39, -1.70
CIE LCh	96, 4.710, 338.839
Yxy	89.2980, 0.3156, 0.3231
Android (android.graphics.Color)	4294635766 (0xFFFAF0F6)
YUV	243.6740, 1.1467, 5.5479
Hunter-Lab	94.4976, -0.6197, 3.5139

Details

The XYZ color **87.2190, 89.2980, 99.8281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4533, 93.4305, 99.0699**, and the grayscale version is **85.7197, 90.1838, 98.2101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6829, 49.4680, 55.6976** is the 20% darker color. If you saturate the color by 10%, you get **78.8668, 74.9841, 89.6716**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

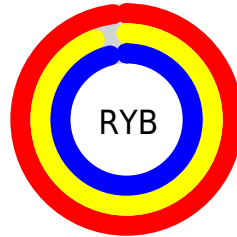
Distribution



Red (98%)

Green (94%)

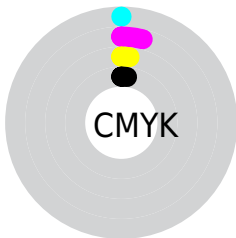
Blue (96%)



Red (98%)

Yellow (94%)

Blue (96%)

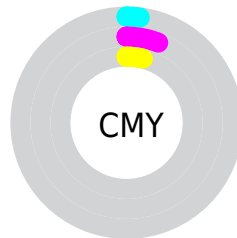


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2190, 89.2980, 99.8281 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 87.2190, 89.2980, 99.8281 by changing the saturation by 10% instead.

87.2190, 89.2980,
99.8281

87.2190, 89.2980,
99.8281

507.3160,
525.7446, 580.8834

66.0051, 67.3986,
75.5409

142.3674,
146.3629, 162.9707

48.5443, 49.4086,
55.5517

177.0327,
182.2971, 202.6633

34.4711, 34.9437,
39.4420

216.9124,
223.6784, 248.3280

23.4204, 23.6195,
26.7933

262.3720,
270.8912, 300.3835

15.0266, 15.0516,
17.1870

313.7768,
324.3198, 359.2482

8.9245, 8.8556,
10.2045

371.4922,

4.7487, 4.6471,

384.3486, 425.3407

5.4274

435.8834,
451.3621, 499.0796

■ 2.1338, 2.0417,
2.4371

■ 0.7075, 0.6316,
0.8065

■ 87.2190, 89.2980,
99.8281

■ 87.2190, 89.2980,
99.8281

■ 78.8668, 74.9841,
89.6716

■ 93.2349, 99.0643,
108.8151

■ 71.5661, 62.6442,
80.2663

■ 65.2743, 52.1938,
71.5925

■ 59.9425, 43.5375,
63.6272

■ 55.5179, 36.5716,
56.3460

■ 51.9419, 31.1816,
49.7224

■ 49.1492, 27.2389,
43.7272

■ 47.0639, 24.5942,
38.3278

■ 45.5935, 23.0651,
33.4856

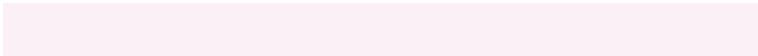
Harmonies

Analogous

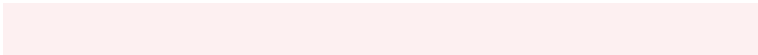
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4466, 89.2980, 102.8928



87.2190, 89.2980, 99.8281



87.3600, 89.2980, 96.1384

Triad

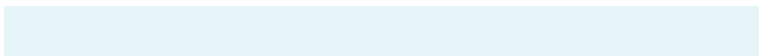
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2190, 89.2980, 99.8281



84.4930, 89.2980, 90.3510



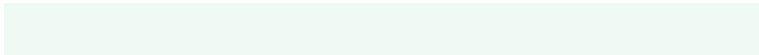
82.9498, 89.2980, 101.7726

Complementary

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



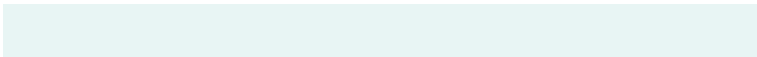
87.2190, 89.2980, 99.8281



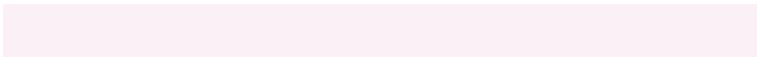
86.4533, 93.4305, 99.0699

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.



82.4377, 89.2980, 98.3305



87.2190, 89.2980, 99.8281



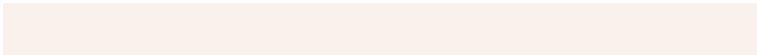
83.3227, 89.2980, 91.7795

Square

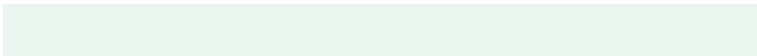
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



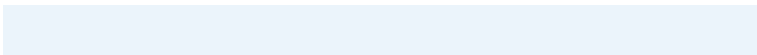
87.2190, 89.2980, 99.8281



85.7774, 89.2980, 90.7289



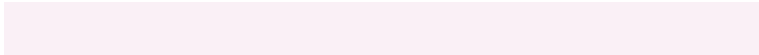
82.5735, 89.2980, 94.6780



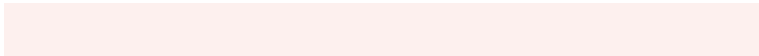
83.9791, 89.2980, 104.0352

Rectangle

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



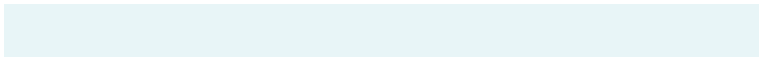
87.2190, 89.2980, 99.8281



87.0756, 89.2980, 93.8302



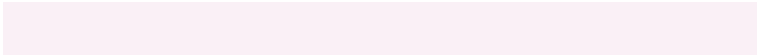
82.5735, 89.2980, 94.6780



82.7120, 89.2980, 100.7116

Sweetspot

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



87.2215, 89.3019, 99.8300



94.0780, 98.3182, 107.7677



85.7271, 88.4597, 102.9999



20.1468, 21.0619, 23.0787



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

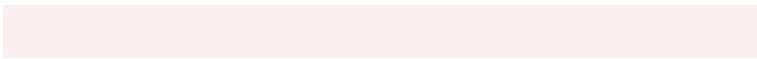
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2215, 89.3019, 99.8300



90.3059, 91.8089, 103.3198



86.4647, 88.9991, 95.8447



18.3741, 18.5885, 21.0156



23.9032, 11.9770, 16.7306



2.2662, 1.1302, 1.8252

Inverse Universe

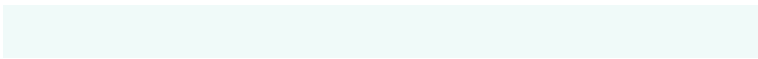
The Inverse Universe completely reimagines the original color for something new.



87.2215, 89.3019, 99.8300



90.3059, 91.8089, 103.3198



87.2225, 93.7382, 103.1203



18.3741, 18.5885, 21.0156



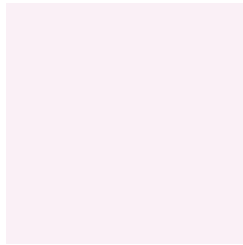
23.9032, 11.9770, 16.7306



2.2662, 1.1302, 1.8252

Previews

White Background



This preview shows how the XYZ color 87.2190, 89.2980, 99.8281 looks on a white background.

Color Contrast Check

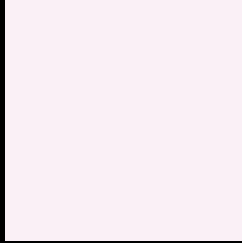
Large Text (above 18pt) WCAG AA × Fail

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 87.2190, 89.2980, 99.8281 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 87.2190, 89.2980, 99.8281

Background



This preview shows how black text looks on a background with the XYZ color 87.2190, 89.2980, 99.8281.

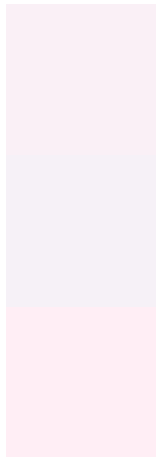


This preview shows how white text looks on a background with the XYZ color 87.2190, 89.2980,

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

87.2190, 89.2980, 99.8281

Protanopia

86.2498, 89.2188, 100.6708

Deuteranopia

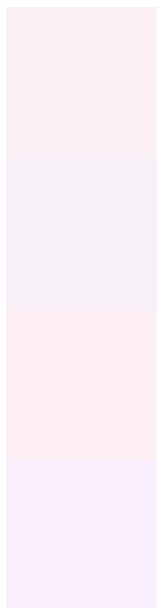
88.2960, 89.0016, 98.9115



Tritanopia

88.3408, 89.2770, 107.1839

Trichromacy



Original Color

87.2190, 89.2980, 99.8281

Protanomaly

86.6016, 89.4002, 100.6873

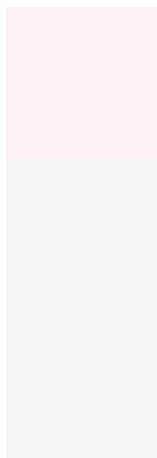
Deuteranomaly

87.8559, 89.2082, 98.9746

Tritanomaly

87.8615, 89.0853, 104.6598

Monochromacy



Original Color

87.2190, 89.2980, 99.8281

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.5381, 90.2866, 99.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2190, 89.2980, 99.8281 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(250, 240, 246) looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 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(250, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.2190, 89.2980, 99.8281 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(250, 240, 246) }
```


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

```
.border{ border-color:rgb(250, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2190, 89.2980, 99.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 246) }
```

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

```
.background{ background-color: rgb(250,  
240, 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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