

Converting Colors

XYZ(89.7773, 90.7084,
110.4402)

Have a look what the booklet for
XYZ(89.7773, 90.7084, 110.4402)
contains.

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Color

**XYZ(89.2890, 90.6398,
107.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF1FF
RGB	251, 241, 255
RGB Percent	98%, 95%, 100%
CMY	0.0157, 0.0549, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	283°, 100%, 97%
HSV	283°, 5%, 100%
XYZ	89.2890, 90.6398, 107.3969
YIQ	245.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

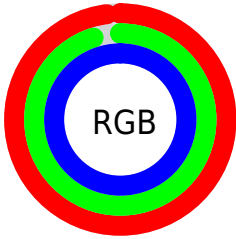
Format	Color
R_{YB}	251, 241, 255
Decimal	16511487
CIE _{Lab}	96.26, 5.81, -5.53
CIE _{LCh}	96, 8.019, 316.388
Yxy	90.6398, 0.3108, 0.3155
Android (android.graphics.Color)	4294701567 (0xFFFBF1FF)
YUV	245.5860, 4.6411, 4.7481
Hunter-Lab	95.2049, 0.7996, -0.2392

Details

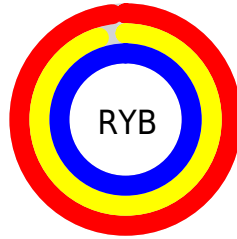
The XYZ color **89.2890, 90.6398, 107.3969** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.2956, 97.2844, 97.2950**, and the grayscale version is **87.2281, 91.7708, 99.9384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.7901, 50.2445, 60.5000** is the 20% darker color. If you saturate the color by 10%, you get **79.6895, 75.2613, 104.9345**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

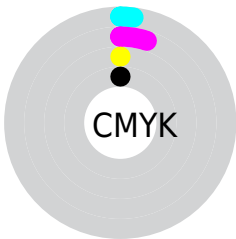
Distribution



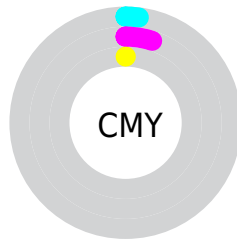
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2890, 90.6398, 107.3969 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 89.2890, 90.6398, 107.3969 by changing the saturation by 10% instead.


 89.2890, 90.6398,
107.3969

 89.2890, 90.6398,
107.3969


513.9877,
530.1099, 605.1044

 67.7254, 68.5114,
81.8410

145.2338,
148.2268, 173.4259

 49.9472, 50.3139,
60.6994


180.3457,
184.4542, 214.7360

 35.5891, 35.6629,
43.5537


220.7044,
226.1500, 262.1347

 24.2857, 24.1739,
29.9852

266.6753,
273.6987, 316.0404

 15.6715, 15.4627,
19.5754

318.6237,
327.4847, 376.8717

 9.3814, 9.1448,
11.9057

376.9150,

 5.0499, 4.8357,

387.8922, 445.0471

6.5578

441.9146,
455.3059, 520.9852

■ 2.3116, 2.1512,
3.1129

■ 0.8006, 0.6932,
1.1526

■ 89.2890, 90.6398,
107.3969

■ 89.2890, 90.6398,
107.3969

■ 79.6895, 75.2613,
104.9345

95.0500, 100.0000,
108.9000

■ 71.2003, 61.9563,
102.8138

■ 63.7760, 50.6344,
101.0198

■ 57.3652, 41.1946,
99.5356

■ 51.9118, 33.5264,
98.3429

■ 47.3538, 27.5078,
97.4215

■ 43.6213, 23.0007,
96.7482

■ 40.6330, 19.8443,
96.2965

■ 38.2884, 17.8397,
96.0331

Harmonies

Analogous

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



87.3646, 90.6398, 110.9340



89.2890, 90.6398, 107.3969



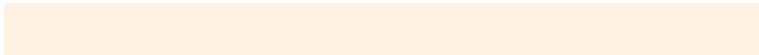
90.3808, 90.6398, 101.6066

Triad

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



89.2890, 90.6398, 107.3969



87.1624, 90.6398, 87.2425



82.1061, 90.6398, 102.1930

Complementary

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



89.2890, 90.6398, 107.3969



89.2956, 97.2844, 97.2950

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.



82.0541, 90.6398, 95.8324



89.2890, 90.6398, 107.3969



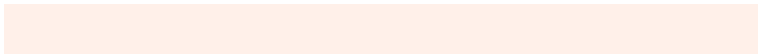
84.9476, 90.6398, 87.3843

Square

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



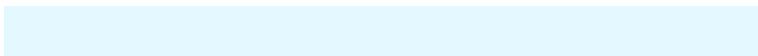
89.2890, 90.6398, 107.3969



89.1388, 90.6398, 90.0734



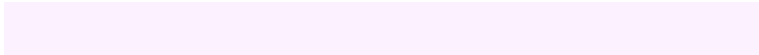
83.0862, 90.6398, 90.4694



83.2296, 90.6398, 107.8421

Rectangle

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



89.2890, 90.6398, 107.3969



90.4776, 90.6398, 97.3328



83.0862, 90.6398, 90.4694



81.9634, 90.6398, 100.0625

Sweetspot

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



89.2914, 90.6436, 107.3975



92.9105, 96.5138, 108.3399



87.0418, 91.3501, 107.6525



19.9091, 20.6945, 23.1951



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.



89.2914, 90.6436, 107.3975



87.7663, 88.1809, 107.0026



90.2996, 91.2150, 105.1096



18.6569, 18.6669, 22.8697



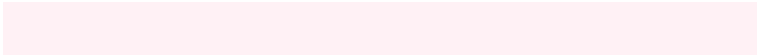
19.6845, 9.0582, 50.1455



2.0243, 0.9375, 4.8875

Inverse Universe

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



89.1790, 90.7668, 99.2087



87.6322, 88.3411, 96.6339



88.3371, 96.7416, 99.4496



18.6265, 18.7044, 20.4661



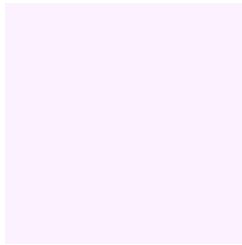
22.2297, 11.3812, 4.5943



2.2091, 1.1260, 0.6823

Previews

White Background



This preview shows how the XYZ color 89.2890, 90.6398, 107.3969 looks on a white background.

Color Contrast Check

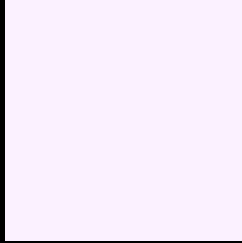
Large Text (above 18pt) WCAG AA × Fail

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 89.2890, 90.6398, 107.3969 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 89.2890, 90.6398, 107.3969

Background



This preview shows how black text looks on a background with the XYZ color 89.2890, 90.6398, 107.3969.



This preview shows how white text looks on a background with the XYZ color 89.2890, 90.6398,

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

89.2890, 90.6398, 107.3969

Protanopia

87.7568, 90.7337, 107.4958

Deuteranopia

89.8127, 90.5452, 104.0101



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

89.2890, 90.6398, 107.3969

Protanomaly

88.1599, 90.4984, 107.4292

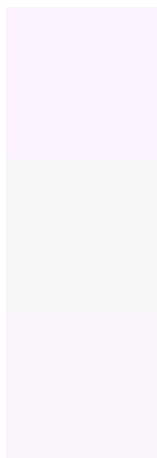
Deuteranomaly

89.6038, 90.4193, 104.8255

Tritanomaly

88.9296, 90.4546, 107.3801

Monochromacy



Original Color

89.2890, 90.6398, 107.3969

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1610, 91.4974, 102.6367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2890, 90.6398, 107.3969 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(251, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 255)  
}
```

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(251, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.2890, 90.6398, 107.3969 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(251, 241, 255) }
```


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

```
.border{ border-color:rgb(251, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2890, 90.6398, 107.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 255) }
```

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

```
.background{ background-color: rgb(251,  
241, 255) }
```

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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