

Converting Colors

XYZ(57.5290, 54.9756, 89.7839)

Have a look what the booklet for
XYZ(57.5290, 54.9756, 89.7839)
contains.

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Color

**XYZ(57.4790, 54.8286,
89.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BDF0
RGB	199, 189, 240
RGB Percent	78%, 74%, 94%
CMY	0.2196, 0.2588, 0.0588
CMYK	0.17, 0.21, 0.00, 0.06
HSL	252°, 63%, 84%
HSV	252°, 21%, 94%
XYZ	57.4790, 54.8286, 89.9916
YIQ	197.8040, -10.4110, 17.9810

Conversions

Conversions Part 2

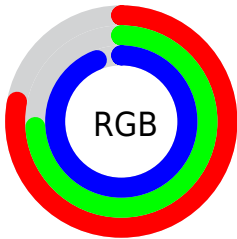
Format	Color
RYB	199, 189, 240
Decimal	13090288
CIELab	78.94, 13.59, -24.00
CIELCh	79, 27.578, 299.523
Yxy	54.8286, 0.2841, 0.2710
Android (android.graphics.Color)	4291280368 (0xFFC7BDF0)
YUV	197.8040, 20.8026, 1.0489
Hunter-Lab	74.0463, 8.9808, -20.2252

Details

The XYZ color **57.4790, 54.8286, 89.9916** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9803, 82.8187, 60.2857**, and the grayscale version is **53.4413, 56.2244, 61.2283**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **29.1329, 27.0888, 49.0406** is the 20% darker color. If you saturate the color by 10%, you get **47.9387, 42.8714, 88.1873**, and if you desaturate by 10%, it is **68.5262, 68.8334, 92.1134**.

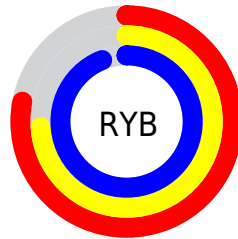
Distribution



Red (78%)

Green (74%)

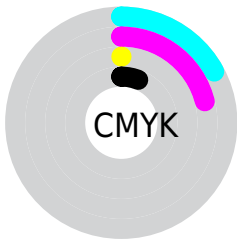
Blue (94%)



Red (78%)

Yellow (74%)

Blue (94%)

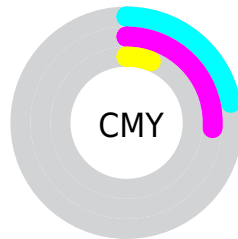


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4790, 54.8286, 89.9916 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 57.4790, 54.8286, 89.9916 by changing the saturation by 10% instead.

■ 57.4790, 54.8286,
89.9916

■ 57.4790, 54.8286,
89.9916

405.2270,
405.2619, 548.5729

■ 41.6316, 39.2645,
67.4000

■ 100.2911, 97.2898,
149.2621

■ 29.0028, 26.9656,
48.9461

127.9865,
124.9557, 186.7782

■ 19.2272, 17.5474,
34.2114

160.3619,
157.4243, 230.1061

■ 11.9395, 10.6255,
22.7774

197.7827,
195.0800, 279.6644

■ 6.7744, 5.8156,
14.2255

240.6143,
238.3072, 335.8717

■ 3.3665, 2.7333,
8.1371

289.2220,

■ 1.3504, 0.9941,

287.4903, 399.1466

4.0938

343.9711,
343.0138, 469.9075

■ 0.2205, 0.0000,
1.6769

■ 0.0000, 0.0000,
0.3449

■ 57.4790, 54.8286,
89.9916

■ 57.4790, 54.8286,
89.9916

■ 47.9387, 42.8714,
88.1873

■ 68.5262, 68.8334,
92.1134

■ 39.8337, 32.8585,
86.6818

■ 81.1369, 84.9690,
94.5633

■ 33.0947, 24.6879,
85.4599

■ 92.7283, 99.0713,
96.6744

■ 27.6441, 18.2454,
84.5037

■ 23.3963, 13.4038,
83.7931

■ 20.2548, 10.0180,
83.3051

■ 18.1070, 7.9158,
83.0125

■ 16.9031, 6.8969,
82.8793

Harmonies

Analogous

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



52.0253, 54.8286, 95.2398



57.4790, 54.8286, 89.9916



61.7305, 54.8286, 76.3474

Triad

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



57.4790, 54.8286, 89.9916



57.6412, 54.8286, 37.2876



42.2717, 54.8286, 59.4484

Complementary

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



57.4790, 54.8286, 89.9916



72.9803, 82.8187, 60.2857

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.



43.5501, 54.8286, 45.6659



57.4790, 54.8286, 89.9916



52.2006, 54.8286, 34.3244

Square

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



57.4790, 54.8286, 89.9916



61.8287, 54.8286, 46.0305



47.0917, 54.8286, 37.1045



43.4724, 54.8286, 75.8364

Rectangle

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



57.4790, 54.8286, 89.9916



63.1746, 54.8286, 65.3554



47.0917, 54.8286, 37.1045



42.4243, 54.8286, 54.3788

Sweetspot

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



57.4807, 54.8309, 89.9928



85.9804, 88.3650, 107.1322



65.1942, 74.0678, 93.2994



18.2007, 18.6544, 22.8913



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.



57.4807, 54.8309, 89.9928



61.5683, 57.3926, 102.4406



64.6215, 58.5121, 90.3270



15.1866, 15.3779, 19.8894



9.3373, 3.8189, 45.3729



0.8543, 0.3576, 3.7782

Inverse Universe

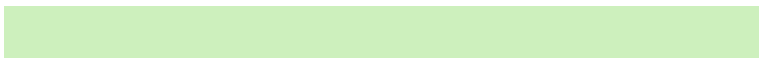
The Inverse Universe completely reimagines the original color for something new.



68.4174, 60.6359, 82.9630



76.0278, 65.0717, 92.9528



65.5654, 78.9961, 59.9387



16.3137, 15.9752, 19.2079



24.9855, 12.2666, 28.9038



2.1121, 1.0339, 2.5811

Previews

White Background



This preview shows how the XYZ color 57.4790, 54.8286, 89.9916 looks on a white background.

Color Contrast Check

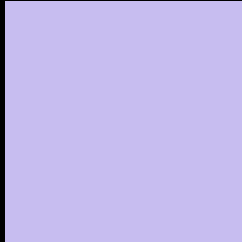
Large Text (above 18pt) WCAG AA × Fail

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 57.4790, 54.8286, 89.9916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

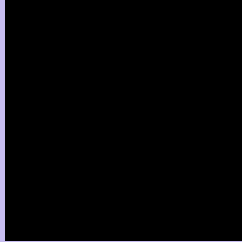
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4790, 54.8286, 89.9916

Background



This preview shows how black text looks on a background with the XYZ color 57.4790, 54.8286, 89.9916.

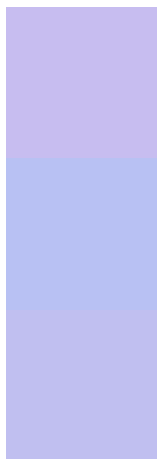


This preview shows how white text looks on a background with the XYZ color 57.4790, 54.8286,

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

57.4790, 54.8286, 89.9916

Protanopia

55.0148, 54.8013, 92.4721

Deuteranopia

56.0972, 54.7593, 90.0510



Tritanopia

53.1728, 54.7061, 68.7296

Trichromacy



Original Color

57.4790, 54.8286, 89.9916

Protanomaly

55.8629, 54.9289, 91.6624

Deuteranomaly

56.6473, 54.7203, 90.0145

Tritanomaly

54.6657, 54.6555, 76.0750

Monochromacy



Original Color

57.4790, 54.8286, 89.9916

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8140, 55.8401, 70.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4790, 54.8286, 89.9916 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(199, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 240)  
}
```

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(199, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 240) }
```

Border

The CSS property to change the border of an element to XYZ 57.4790, 54.8286, 89.9916 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(199, 189, 240) }
```


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

```
.border{ border-color:rgb(199, 189, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4790, 54.8286, 89.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 240) }
```

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

```
.background{ background-color: rgb(199,  
189, 240) }
```

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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