

Converting Colors

XYZ(57.7634, 71.5033, 52.0819)

Have a look what the booklet for
XYZ(57.7634, 71.5033, 52.0819)
contains.

XYZ(57.9283, 71.7950, 51.8790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9283, 71.7950,
51.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE8B0
RGB	190, 232, 176
RGB Percent	75%, 91%, 69%
CMY	0.2549, 0.0902, 0.3098
CMYK	0.18, 0.00, 0.24, 0.09
HSL	105°, 55%, 80%
HSV	105°, 24%, 91%
XYZ	57.9283, 71.7950, 51.8790
YIQ	213.0580, -7.0560, -26.3200

Conversions

Conversions Part 2

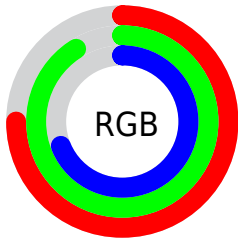
Format	Color
RYB	176, 232, 218
Decimal	12511408
CIELab	87.87, -23.79, 22.88
CIELCh	88, 33.005, 136.123
Yxy	71.7950, 0.3190, 0.3953
Android (android.graphics.Color)	4290701488 (0xFFBEE8B0)
YUV	213.0580, -18.2696, -20.2219
Hunter-Lab	84.7319, -26.2466, 23.0107

Details

The XYZ color **57.9283, 71.7950, 51.8790** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.0073, 51.7844, 83.2332**, and the grayscale version is **63.4080, 66.7102, 72.6474**.

A 20% lighter version of the original color is **88.6833, 97.1204, 90.4159**, and **29.2538, 37.7150, 24.4768** is the 20% darker color. If you saturate the color by 10%, you get **51.7366, 68.8482, 40.6134**, and if you desaturate by 10%, it is **65.0351, 75.1725, 65.2383**.

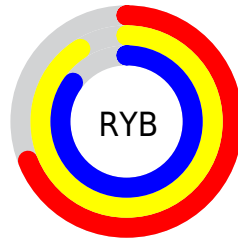
Distribution



Red (75%)

Green (91%)

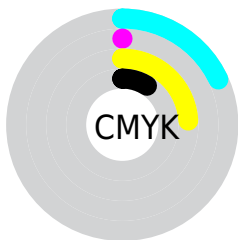
Blue (69%)



Red (69%)

Yellow (91%)

Blue (85%)

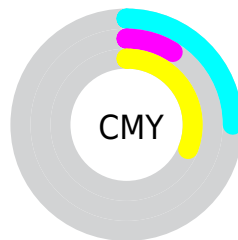


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9283, 71.7950, 51.8790 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 57.9283, 71.7950, 51.8790 by changing the saturation by 10% instead.

■ 57.9283, 71.7950,
51.8790

■ 57.9283, 71.7950,
51.8790

406.8769,
466.8278, 410.9130

■ 41.9940, 52.9912,
36.5271

■ 100.9420,
121.7650, 94.3775

■ 29.2877, 37.7958,
24.5486

128.7522,
153.7001, 122.3612

■ 19.4440, 25.8242,
15.5251

161.2517,
190.7810, 155.3925

■ 12.0974, 16.6922,
9.0381

198.8059,
233.3922, 193.8901

■ 6.8827, 10.0153,
4.6689

241.7802,
281.9181, 238.2723

■ 3.4345, 5.4091,
1.9990


290.5398,

■ 1.3875, 2.4892,


336.7431, 288.9579


0.5547


345.4503,
398.2515, 346.3652


 0.2473, 0.8712,
0.0000

 0.0000, 0.0000,
0.0000


 57.9283, 71.7950,
51.8790


 57.9283, 71.7950,
51.8790


 51.7366, 68.8482,
40.6134


 65.0351, 75.1725,
65.2383


 46.4163, 66.3054,
31.3308

 73.0871, 78.9877,
80.7849

 41.9282, 64.1511,
23.9177

 82.1200, 83.2591,
98.6126

 38.2279, 62.3652,
18.2470

 88.1481, 86.1961,
106.5994

■ 35.2666, 60.9256,
14.1760

■ 32.9893, 59.8077,
11.5391

■ 31.3320, 58.9826,
10.1347

■ 30.6026, 58.6155,
9.7010

Harmonies

Analogous

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



64.1332, 71.7950, 43.5686



57.9283, 71.7950, 51.8790



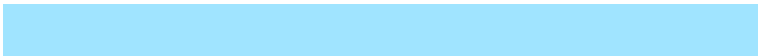
54.6113, 71.7950, 68.2578

Triad

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



57.9283, 71.7950, 51.8790



64.6830, 71.7950, 128.0878



83.7881, 71.7950, 66.7738

Complementary

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



57.9283, 71.7950, 51.8790



59.0073, 51.7844, 83.2332

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.



83.9638, 71.7950, 89.0037



57.9283, 71.7950, 51.8790



72.5163, 71.7950, 127.4793

Square

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



57.9283, 71.7950, 51.8790



58.3041, 71.7950, 113.6501



79.7058, 71.7950, 112.1196



79.2428, 71.7950, 50.9729

Rectangle

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



57.9283, 71.7950, 51.8790



54.3064, 71.7950, 82.8739



79.7058, 71.7950, 112.1196



84.3714, 71.7950, 73.6525

Sweetspot

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



57.9302, 71.7981, 51.8806



87.5529, 96.4518, 94.2383



66.1896, 70.4364, 51.1824



18.6076, 20.5820, 19.9142



0.0000, 0.0000, 0.0000



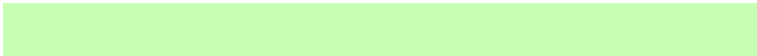
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9302, 71.7981, 51.8806



67.8010, 87.0737, 56.9764



56.0576, 70.6643, 59.4019



14.5252, 16.2623, 15.2778



17.0855, 32.5894, 5.3899



1.3461, 2.4513, 0.4022

Inverse Universe

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



59.0073, 51.7844, 83.2332



69.3474, 58.2093, 102.1882



61.4616, 53.2704, 73.3755



14.6248, 14.4243, 18.1577



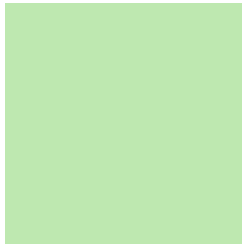
17.8988, 8.2931, 43.0405



1.4062, 0.6559, 3.1845

Previews

White Background



This preview shows how the XYZ color 57.9283, 71.7950, 51.8790 looks on a white background.

Color Contrast Check

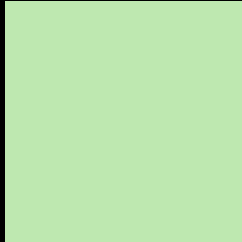
Large Text (above 18pt) WCAG AA × Fail

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 57.9283, 71.7950, 51.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

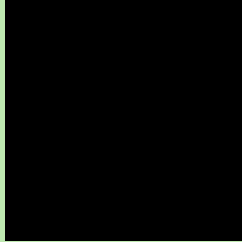
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9283, 71.7950, 51.8790

Background



This preview shows how black text looks on a background with the XYZ color 57.9283, 71.7950, 51.8790.



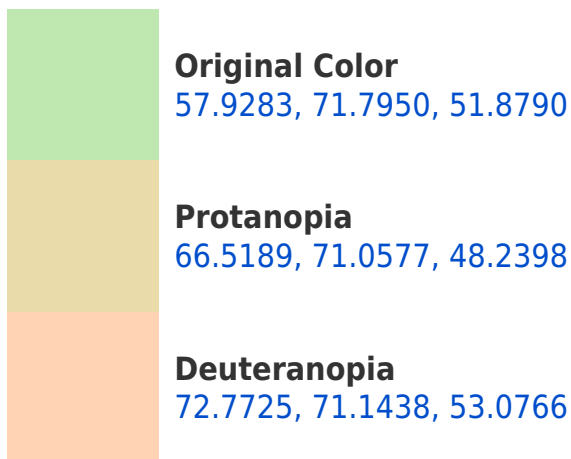
This preview shows how white text looks on a background with the XYZ color 57.9283, 71.7950,

51.8790.

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

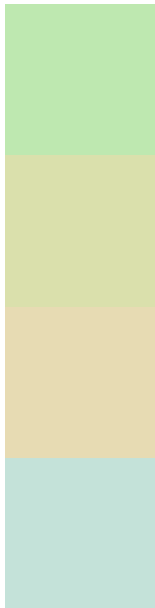




Tritanopia

66.0843, 71.4056, 93.5187

Trichromacy



Original Color

57.9283, 71.7950, 51.8790

Protanomaly

63.0155, 71.1953, 49.4505

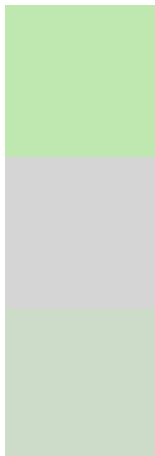
Deuteranomaly

66.4232, 70.9066, 52.8333

Tritanomaly

62.4857, 71.1382, 76.0833

Monochromacy



Original Color

57.9283, 71.7950, 51.8790

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.1954, 68.3357, 64.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9283, 71.7950, 51.8790 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(190, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 176)  
}
```

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(190, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 176) }
```

Border

The CSS property to change the border of an element to XYZ 57.9283, 71.7950, 51.8790 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(190, 232, 176) }
```


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

```
.border{ border-color:rgb(190, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9283, 71.7950, 51.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 176) }
```

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

```
.background{ background-color: rgb(190,  
232, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor