

Converting Colors

XYZ(57.5815, 72.7190, 54.6442)

Have a look what the booklet for
XYZ(57.5815, 72.7190, 54.6442)
contains.

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Color

**XYZ(57.5773, 72.8201,
54.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EBB5
RGB	183, 235, 181
RGB Percent	72%, 92%, 71%
CMY	0.2823, 0.0784, 0.2902
CMYK	0.22, 0.00, 0.23, 0.08
HSL	118°, 57%, 82%
HSV	118°, 23%, 92%
XYZ	57.5773, 72.8201, 54.7371
YIQ	213.2960, -13.6580, -27.8180

Conversions

Conversions Part 2

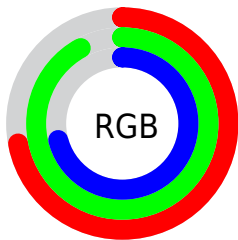
Format	Color
RYB	181, 235, 233
Decimal	12053429
CIELab	88.36, -26.77, 20.91
CIElCh	88, 33.967, 142.010
Yxy	72.8201, 0.3110, 0.3933
Android (android.graphics.Color)	4290243509 (0xFFB7EBB5)
YUV	213.2960, -15.9219, -26.5696
Hunter-Lab	85.3347, -28.8976, 21.7033

Details

The XYZ color **57.5773, 72.8201, 54.7371** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1264, 56.3716, 86.0492**, and the grayscale version is **63.5554, 66.8653, 72.8163**.

A 20% lighter version of the original color is **86.9812, 96.1597, 94.0970**, and **29.0696, 38.4658, 26.3146** is the 20% darker color. If you saturate the color by 10%, you get **50.4100, 69.3828, 42.8586**, and if you desaturate by 10%, it is **66.0207, 76.8724, 68.8015**.

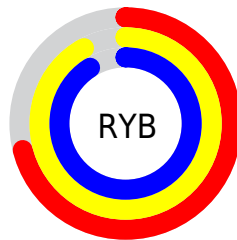
Distribution



Red (72%)

Green (92%)

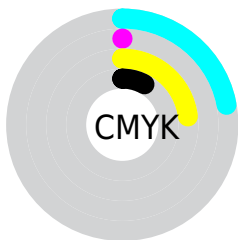
Blue (71%)



Red (71%)

Yellow (92%)

Blue (91%)

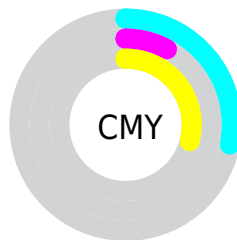


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (8%)



Cyan (28%)

Magenta (8%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5773, 72.8201, 54.7371 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 57.5773, 72.8201, 54.7371 by changing the saturation by 10% instead.

■ 57.5773, 72.8201,
54.7371

■ 57.5773, 72.8201,
54.7371

405.5883,
470.3911, 422.1684

■ 41.7109, 53.8289,
38.7941

■ 100.4336,
123.2218, 98.6229

■ 29.0651, 38.4649,
26.2930

128.1541,
155.4010, 127.4029

■ 19.2746, 26.3437,
16.8152

160.5567,
192.7451, 161.2988

■ 11.9740, 17.0809,
9.9423

198.0067,
235.6383, 200.7294

■ 6.7981, 10.2922,
5.2556

240.8696,
284.4651, 246.1131

■ 3.3813, 5.5931,
2.3366


289.5105,

■ 1.3585, 2.5993,


339.6099, 297.8685


0.7516


344.2950,
401.4571, 356.4141

 0.2264, 0.9263,
0.0000


 0.0000, 0.0000,
0.0000

 57.5773, 72.8201,
54.7371


 57.5773, 72.8201,
54.7371

 50.4100, 69.3828,
42.8586


 66.0207, 76.8724,
68.8015


 44.4513, 66.5219,
33.0518

 75.7919, 81.5580,
85.1486

 39.6363, 64.2085,
25.1996

 86.9468, 86.9056,
103.8754

 35.8918, 62.4077,
19.1710

 88.9997, 87.8995,
106.8832

■ 33.1359, 61.0804,
14.8194

■ 31.2751, 60.1822,
11.9754

■ 30.1979, 59.6599,
10.4339

■ 29.8186, 59.4756,
9.9083

Harmonies

Analogous

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



63.5021, 72.8201, 44.5193



57.5773, 72.8201, 54.7371



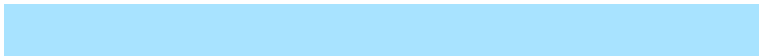
54.8188, 72.8201, 73.2097

Triad

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



57.5773, 72.8201, 54.7371



67.0568, 72.8201, 132.5865



84.7908, 72.8201, 63.6228

Complementary

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



57.5773, 72.8201, 54.7371



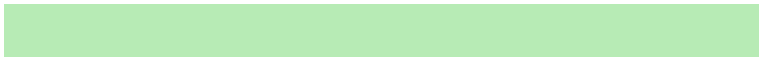
65.1264, 56.3716, 86.0492

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.



85.9299, 72.8201, 85.6952



57.5773, 72.8201, 54.7371



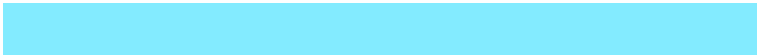
75.2572, 72.8201, 128.6300

Square

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



57.5773, 72.8201, 54.7371



60.0043, 72.8201, 120.2038



82.3201, 72.8201, 110.2632



79.3194, 72.8201, 48.9037

Rectangle

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



57.5773, 72.8201, 54.7371



54.9825, 72.8201, 89.0042



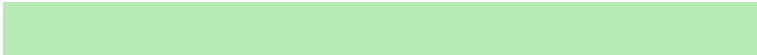
82.3201, 72.8201, 110.2632



85.7094, 72.8201, 70.3072

Sweetspot

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



57.5792, 72.8232, 54.7387



86.2644, 95.7876, 94.1780



71.5457, 78.8842, 55.1725



18.3102, 20.4287, 19.9003



0.0000, 0.0000, 0.0000



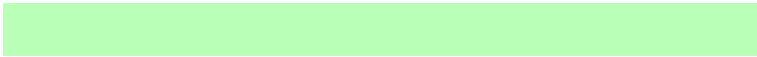
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5792, 72.8232, 54.7387



64.6788, 85.4336, 58.2093



59.8224, 73.6659, 69.0157



14.9199, 16.8887, 15.9922



16.6180, 33.1113, 5.5153



1.3231, 2.6094, 0.4339

Inverse Universe

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



65.1264, 56.3716, 86.0492



75.3816, 62.0971, 102.6206



62.5076, 55.3999, 68.8321



15.6565, 15.2837, 19.0471



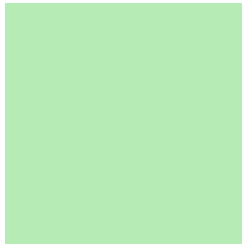
25.8785, 12.3768, 44.7680



2.0493, 0.9808, 3.5162

Previews

White Background



This preview shows how the XYZ color 57.5773, 72.8201, 54.7371 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 57.5773, 72.8201, 54.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

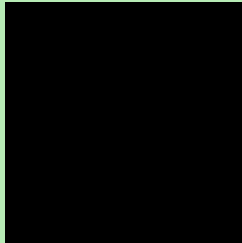
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5773, 72.8201, 54.7371

Background



This preview shows how black text looks on a background with the XYZ color 57.5773, 72.8201, 54.7371.



This preview shows how white text looks on a background with the XYZ color 57.5773, 72.8201,

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

57.5773, 72.8201, 54.7371

Protanopia

67.7574, 72.4311, 50.4538

Deuteranopia

73.8972, 72.3937, 56.5329



Tritanopia

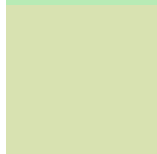
65.9259, 72.4546, 96.8967

Trichromacy



Original Color

57.5773, 72.8201, 54.7371



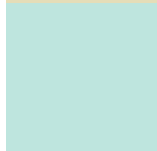
Protanomaly

63.4511, 72.1660, 52.1802



Deuteranomaly

66.8213, 71.8316, 55.6904



Tritanomaly

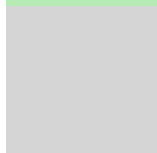
62.4393, 72.2597, 79.7639

Monochromacy



Original Color

57.5773, 72.8201, 54.7371



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.7562, 68.4865, 65.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5773, 72.8201, 54.7371 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(183, 235, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 235, 181)  
}
```

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(183, 235, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 235, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.5773, 72.8201, 54.7371 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(183, 235, 181) }
```


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

```
.border{ border-color:rgb(183, 235, 181) }
```

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

Here you see how a box with a 4 pixel rgb(183, 235, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 235, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 235, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 235,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5773, 72.8201, 54.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 235, 181) }
```

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

```
.background{ background-color: rgb(183,  
235, 181) }
```

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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