

Converting Colors

XYZ(57.6724, 69.5242, 54.1228)

Have a look what the booklet for
XYZ(57.6724, 69.5242, 54.1228)
contains.

XYZ(57.8019, 69.6118, 54.1060)	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(57.8019, 69.6118,
54.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E3B5
RGB	193, 227, 181
RGB Percent	76%, 89%, 71%
CMY	0.2431, 0.1098, 0.2902
CMYK	0.15, 0.00, 0.20, 0.11
HSL	104°, 45%, 80%
HSV	104°, 20%, 89%
XYZ	57.8019, 69.6118, 54.1060
YIQ	211.5900, -5.4980, -21.5140

Conversions

Conversions Part 2

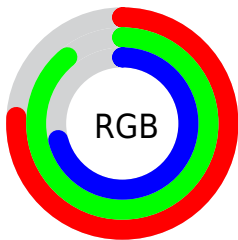
Format	Color
RYB	181, 227, 215
Decimal	12706741
CIELab	86.81, -19.51, 18.84
CIElCh	87, 27.124, 136.010
Yxy	69.6118, 0.3184, 0.3835
Android (android.graphics.Color)	4290896821 (0xFFC1E3B5)
YUV	211.5900, -15.0809, -16.3034
Hunter-Lab	83.4337, -22.3462, 19.9545

Details

The XYZ color **57.8019, 69.6118, 54.1060** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.4161, 53.0428, 79.8361**, and the grayscale version is **62.4082, 65.6583, 71.5019**.

A 20% lighter version of the original color is **90.4704, 97.9584, 94.2603**, and **29.2963, 36.5525, 25.9333** is the 20% darker color. If you saturate the color by 10%, you get **51.6227, 66.6759, 42.6329**, and if you desaturate by 10%, it is **64.8498, 72.9557, 67.6037**.

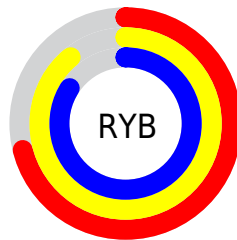
Distribution



Red (76%)

Green (89%)

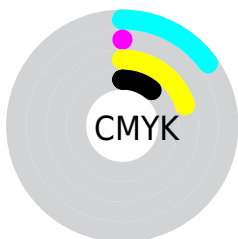
Blue (71%)



Red (71%)

Yellow (89%)

Blue (84%)

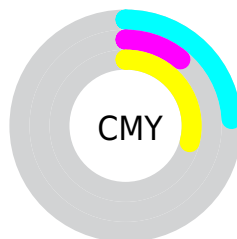


Cyan (15%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8019, 69.6118, 54.1060 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 57.8019, 69.6118, 54.1060 by changing the saturation by 10% instead.

■ 57.8019, 69.6118,
54.1060

■ 57.8019, 69.6118,
54.1060

406.4131,
459.1858, 419.7001

■ 41.8921, 51.2101,
38.2927

■ 100.7589,
118.6550, 97.6878

■ 29.2075, 36.3759,
25.9063

128.5369,
150.0653, 126.2934

■ 19.3829, 24.7246,
16.5284

161.0015,
186.5806, 160.0001

■ 12.0529, 15.8720,
9.7405

198.5182,
228.5853, 199.2266

■ 6.8522, 9.4336,
5.1239

241.4524,
276.4637, 244.3913

■ 3.4153, 5.0251,
2.2601


290.1694,


■ 1.3770, 2.2620,


330.6004, 295.9127


0.7087


345.0345,
391.3796, 354.2095


 0.2398, 0.7535,
0.0000


 0.0000, 0.0000,
0.0000


 57.8019, 69.6118,
54.1060

 57.8019, 69.6118,
54.1060

 51.6227, 66.6759,
42.6329


 64.8498, 72.9557,
67.6037


 46.2720, 64.1234,
33.0824

 72.7932, 76.7135,
83.2123

 41.7149, 61.9405,
25.3505

 81.6649, 80.9021,
101.0186

 37.9114, 60.1093,
19.3216

 86.7605, 83.4209,
106.1368

■ 34.8181, 58.6100,
14.8668

■ 32.3864, 57.4209,
11.8388

■ 30.5607, 56.5172,
10.0622

■ 29.2866, 55.8772,
9.2418

Harmonies

Analogous

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



62.8692, 69.6118, 47.0274



57.8019, 69.6118, 54.1060



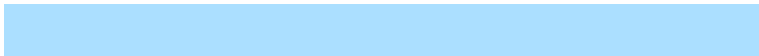
55.0609, 69.6118, 67.6909

Triad

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



57.8019, 69.6118, 54.1060



63.2700, 69.6118, 114.8211



78.5431, 69.6118, 66.5977

Complementary

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



57.8019, 69.6118, 54.1060



58.4161, 53.0428, 79.8361

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.



78.6674, 69.6118, 84.5223



57.8019, 69.6118, 54.1060



69.5718, 69.6118, 114.4027

Square

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



57.8019, 69.6118, 54.1060



58.0792, 69.6118, 103.6873



75.2959, 69.6118, 102.6218



74.9661, 69.6118, 53.4160

Rectangle

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



57.8019, 69.6118, 54.1060



54.8015, 69.6118, 79.4975



75.2959, 69.6118, 102.6218



78.9974, 69.6118, 72.2101

Sweetspot

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



57.8037, 69.6148, 54.1075



88.6446, 96.9713, 96.2499



64.2545, 68.1353, 53.4820



18.8300, 20.6879, 20.3200



0.0000, 0.0000, 0.0000



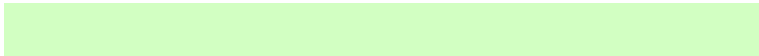
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8037, 69.6148, 54.1075



71.9861, 89.0729, 64.3200



56.0122, 68.5590, 59.9970



14.5400, 16.2700, 15.2785



17.1721, 32.6340, 5.3939



1.3543, 2.4555, 0.4026

Inverse Universe

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



58.4161, 53.0428, 79.8361



72.9064, 64.0718, 103.1322



60.6341, 54.3521, 72.4448



14.6090, 14.4162, 18.1570



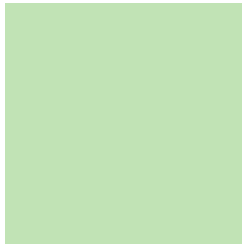
17.5927, 8.1353, 43.0262



1.3858, 0.6454, 3.1835

Previews

White Background



This preview shows how the XYZ color 57.8019, 69.6118, 54.1060 looks on a white background.

Color Contrast Check

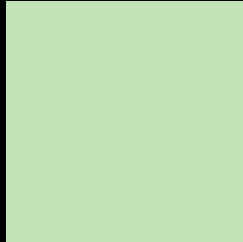
Large Text (above 18pt) WCAG AA × Fail

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 57.8019, 69.6118, 54.1060 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 57.8019, 69.6118, 54.1060

Background



This preview shows how black text looks on a background with the XYZ color 57.8019, 69.6118, 54.1060.

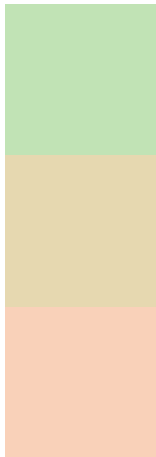


This preview shows how white text looks on a background with the XYZ color 57.8019, 69.6118,

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

57.8019, 69.6118, 54.1060

Protanopia

65.0255, 69.0693, 50.9788

Deuteranopia

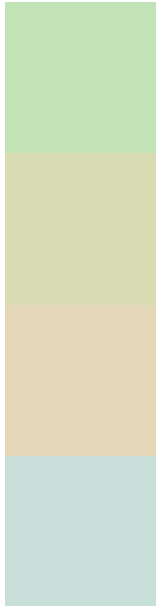
70.6243, 69.2434, 55.5420



Tritanopia

64.9747, 69.3340, 90.0790

Trichromacy



Original Color

57.8019, 69.6118, 54.1060

Protanomaly

62.2444, 69.1525, 52.1866

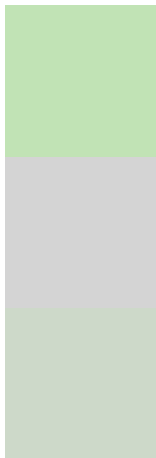
Deuteranomaly

65.5207, 69.2304, 55.2569

Tritanomaly

62.1988, 69.3944, 75.7619

Monochromacy



Original Color

57.8019, 69.6118, 54.1060

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.5323, 66.8219, 64.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8019, 69.6118, 54.1060 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(193, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 227, 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(193, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 227, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.8019, 69.6118, 54.1060 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(193, 227, 181) }
```


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

```
.border{ border-color:rgb(193, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 227, 181); box-shadow:4px 4px 4px 4px rgb(193, 227, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8019, 69.6118, 54.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 227, 181) }
```

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

```
.background{ background-color: rgb(193,  
227, 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](#).

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