

Converting Colors

XYZ(52.4055, 59.2830, 57.4851)

Have a look what the booklet for
XYZ(52.4055, 59.2830, 57.4851)
contains.

XYZ(52.5892, 59.5208, 57.4321)	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(52.5892, 59.5208,
57.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD0BE
RGB	188, 208, 190
RGB Percent	74%, 82%, 75%
CMY	0.2627, 0.1843, 0.2549
CMYK	0.10, 0.00, 0.09, 0.18
HSL	126°, 18%, 78%
HSV	126°, 10%, 82%
XYZ	52.5892, 59.5208, 57.4321
YIQ	199.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

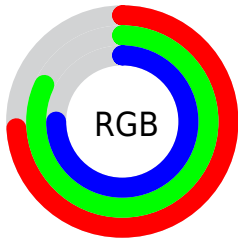
Format	Color
R _{YB}	188, 206, 208
Decimal	12374206
CIE Lab	81.58, -10.11, 6.64
CIE LCh	82, 12.099, 146.708
Yxy	59.5208, 0.3102, 0.3511
Android (android.graphics.Color)	4290564286 (0xFFBCD0BE)
YUV	199.9680, -4.9142, -10.4959
Hunter-Lab	77.1497, -13.3373, 9.8679

Details

The XYZ color **52.5892, 59.5208, 57.4321** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1384, 53.8341, 65.8804**, and the grayscale version is **54.9134, 57.7732, 62.9150**.

A 20% lighter version of the original color is **89.7028, 97.4069, 101.2624**, and **26.0626, 30.0682, 28.0970** is the 20% darker color. If you saturate the color by 10%, you get **45.9134, 56.3024, 47.1161**, and if you desaturate by 10%, it is **60.2698, 63.2302, 69.1695**.

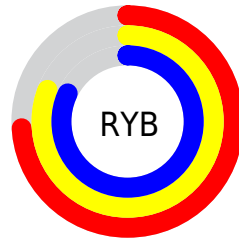
Distribution



Red (74%)

Green (82%)

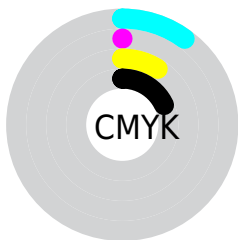
Blue (75%)



Red (74%)

Yellow (81%)

Blue (82%)

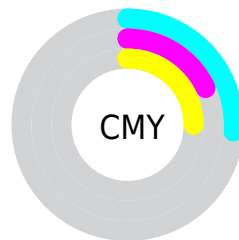


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (26%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5892, 59.5208, 57.4321 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 52.5892, 59.5208, 57.4321 by changing the saturation by 10% instead.


 52.5892, 59.5208,
57.4321

 52.5892, 59.5208,
57.4321


386.9938,
422.8292, 432.6055

 37.7011, 43.0325,
40.9406


 93.1687, 104.1342,
102.6020

 25.9269, 29.9106,
27.9533


119.5908,
133.0281, 132.1175

 16.9014, 19.7708,
18.0517


150.5883,
166.8260, 166.8113

 10.2591, 12.2285,
10.8173

186.5265,
205.9123, 207.1021

 5.6346, 6.8995,
5.8315

227.7708,
250.6714, 253.4084

 2.6628, 3.3993,
2.6758

274.6865,

 0.9780, 1.3436,

301.4876, 306.1487

0.9312

327.6391,
358.7454, 365.7415

0.0000, 0.1746,
0.0000

0.0000, 0.0000,
0.0000

52.5892, 59.5208,
57.4321

52.5892, 59.5208,
57.4321

45.9134, 56.3024,
47.1161

60.2698, 63.2302,
69.1695

40.1959, 53.5472,
38.1640

68.9890, 67.4418,
82.3754

35.3942, 51.2360,
30.5197

78.7856, 72.1764,
97.0995

31.4605, 49.3457,
24.1220

81.8470, 73.5940,
104.4990

■ 28.3428, 47.8507,
18.9050

■ 25.9832, 46.7228,
14.7962

■ 24.3165, 45.9300,
11.7156

■ 23.2661, 45.4349,
9.5722

■ 22.7072, 45.1752,
8.2577

Harmonies

Analogous

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



54.4068, 59.5208, 53.1029



52.5892, 59.5208, 57.4321



51.8373, 59.5208, 64.0083

Triad

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



52.5892, 59.5208, 57.4321



56.2928, 59.5208, 79.7932



61.0470, 59.5208, 58.7249

Complementary

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



52.5892, 59.5208, 57.4321



55.1384, 53.8341, 65.8804

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.



61.5881, 59.5208, 65.6144



52.5892, 59.5208, 57.4321



58.7954, 59.5208, 78.1180

Square

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



52.5892, 59.5208, 57.4321



53.9350, 59.5208, 77.2120



60.7525, 59.5208, 72.7899



59.2951, 59.5208, 53.8092

Rectangle

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



52.5892, 59.5208, 57.4321



52.0244, 59.5208, 68.9114



60.7525, 59.5208, 72.7899



61.3788, 59.5208, 60.8709

Sweetspot

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



52.5908, 59.5233, 57.4334



91.2024, 98.1423, 103.0369



57.1817, 61.9151, 56.5148



19.3064, 20.9029, 21.7264



0.0000, 0.0000, 0.0000



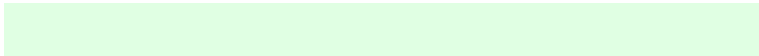
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5908, 59.5233, 57.4334



80.5533, 93.0027, 86.7118



53.6832, 59.9603, 63.1857



11.7036, 13.2252, 12.7958



14.1579, 28.1561, 5.2117



0.8084, 1.5810, 0.3797

Inverse Universe

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



55.1384, 53.8341, 65.8804



85.5645, 81.8111, 103.3273



53.9994, 53.3785, 59.8824



12.2577, 11.9878, 14.6330



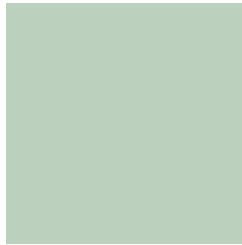
21.8368, 10.6075, 30.3762



1.2361, 0.5991, 1.7778

Previews

White Background



This preview shows how the XYZ color 52.5892, 59.5208, 57.4321 looks on a white background.

Color Contrast Check

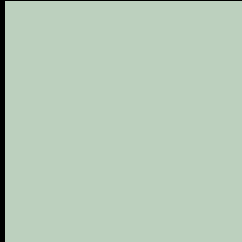
Large Text (above 18pt) WCAG AA × Fail

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 52.5892, 59.5208, 57.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

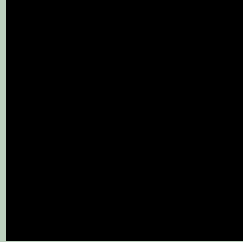
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5892, 59.5208, 57.4321

Background



This preview shows how black text looks on a background with the XYZ color 52.5892, 59.5208, 57.4321.



This preview shows how white text looks on a background with the XYZ color 52.5892, 59.5208,

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

52.5892, 59.5208, 57.4321

Protanopia

56.6685, 59.5306, 55.5175

Deuteranopia

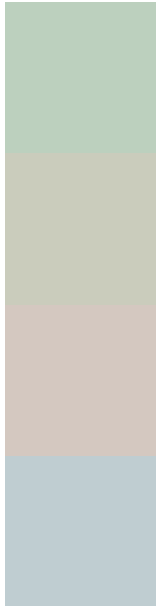
60.7296, 59.4989, 58.7357



Tritanopia

56.5035, 59.6905, 76.2535

Trichromacy



Original Color

52.5892, 59.5208, 57.4321

Protanomaly

55.0271, 59.3731, 56.1369

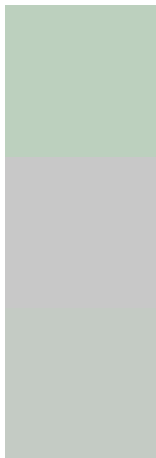
Deuteranomaly

57.3201, 59.1114, 58.2577

Tritanomaly

54.8258, 59.3425, 68.8862

Monochromacy



Original Color

52.5892, 59.5208, 57.4321

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0847, 58.4332, 60.6527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5892, 59.5208, 57.4321 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(188, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 190)  
}
```

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(188, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.5892, 59.5208, 57.4321 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(188, 208, 190) }
```


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

```
.border{ border-color:rgb(188, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5892, 59.5208, 57.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 190) }
```

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

```
.background{ background-color: rgb(188,  
208, 190) }
```

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