

Converting Colors

XYZ(52.8667, 59.0308, 53.4075)

Have a look what the booklet for
XYZ(52.8667, 59.0308, 53.4075)
contains.

XYZ(52.8667, 59.0308, 53.4075)	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(52.8667, 59.0308,
53.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CEB7
RGB	194, 206, 183
RGB Percent	76%, 81%, 72%
CMY	0.2392, 0.1921, 0.2823
CMYK	0.06, 0.00, 0.11, 0.19
HSL	91°, 19%, 76%
HSV	91°, 11%, 81%
XYZ	52.8667, 59.0308, 53.4075
YIQ	199.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

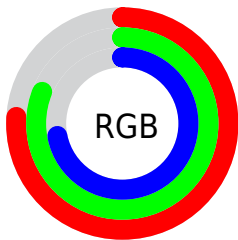
Format	Color
RYB	183, 206, 195
Decimal	12766903
CIELab	81.31, -8.24, 10.04
CIELCh	81, 12.989, 129.346
Yxy	59.0308, 0.3198, 0.3571
Android (android.graphics.Color)	4290956983 (0xFFC2CEB7)
YUV	199.7900, -8.2775, -5.0778
Hunter-Lab	76.8315, -11.6317, 12.5681

Details

The XYZ color **52.8667, 59.0308, 53.4075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5820, 49.9269, 65.3664**, and the grayscale version is **54.8211, 57.6760, 62.8092**.

A 20% lighter version of the original color is **91.1236, 98.2612, 95.8249**, and **26.0727, 29.6436, 25.4667** is the 20% darker color. If you saturate the color by 10%, you get **48.2181, 56.8660, 42.8046**, and if you desaturate by 10%, it is **58.0321, 61.4292, 65.6753**.

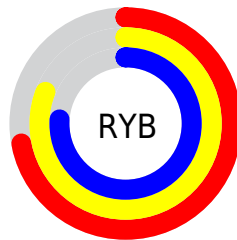
Distribution



Red (76%)

Green (81%)

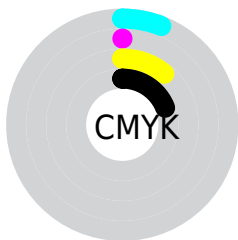
Blue (72%)



Red (72%)

Yellow (81%)

Blue (76%)

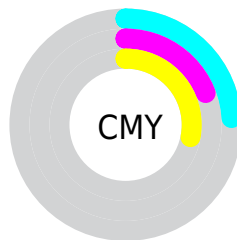


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8667, 59.0308, 53.4075 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 52.8667, 59.0308, 53.4075 by changing the saturation by 10% instead.

■ 52.8667, 59.0308,
53.4075

■ 52.8667, 59.0308,
53.4075

388.0427,
421.0160, 416.9571

■ 37.9234, 42.6379,
37.7382

■ 93.5749, 103.4224,
96.6513

■ 26.1002, 29.6011,
25.4793

120.0705,
132.1900, 125.0630

■ 17.0317, 19.5360,
16.2123

151.1476,
165.8512, 158.5592

■ 10.3525, 12.0582,
9.5185

187.1715,
204.7904, 197.5585

■ 5.6974, 6.7833,
4.9795

228.5076,
249.3922, 242.4793

■ 2.7009, 3.3270,
2.1767

275.5213,

■ 0.9976, 1.3047,

300.0407, 293.7404

0.6609

328.5779,
357.1206, 351.7601

■ 0.0000, 0.1449,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8667, 59.0308,
53.4075

■ 52.8667, 59.0308,
53.4075

■ 48.2181, 56.8660,
42.8046

■ 58.0321, 61.4292,
65.6753

■ 44.0635, 54.9194,
33.7909

■ 63.7261, 64.0607,
79.6714

■ 40.3859, 53.1857,
26.2909

■ 69.9665, 66.9347,
95.4607

■ 37.1647, 51.6562,
20.2212

■ 75.0476, 69.3695,
104.0420

■ 34.3782, 50.3215,
15.4904

■ 78.7453, 71.2757,
104.2150

■ 32.0020, 49.1714,
11.9965

■ 81.3624, 72.6249,
104.3375

■ 30.0092, 48.1945,
9.6228

■ 28.3679, 47.3775,
8.2304

■ 27.1643, 46.7698,
7.5958

Harmonies

Analogous

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



55.2647, 59.0308, 50.6411



52.8667, 59.0308, 53.4075



51.3695, 59.0308, 59.1516

Triad

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



52.8667, 59.0308, 53.4075



54.2885, 59.0308, 79.2797



61.4091, 59.0308, 61.8805

Complementary

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



52.8667, 59.0308, 53.4075



50.5820, 49.9269, 65.3664

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.



61.1272, 59.0308, 69.6850



52.8667, 59.0308, 53.4075



56.9578, 59.0308, 80.1584

Square

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



52.8667, 59.0308, 53.4075



52.1718, 59.0308, 74.2113



59.4771, 59.0308, 76.5238



60.2353, 59.0308, 55.2669

Rectangle

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



52.8667, 59.0308, 53.4075



51.0546, 59.0308, 64.1044



59.4771, 59.0308, 76.5238



61.4822, 59.0308, 64.4449

Sweetspot

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



52.8683, 59.0334, 53.4088



92.3891, 98.7678, 102.4738



53.4920, 55.5209, 52.6979



19.6257, 21.0711, 21.5753



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.



52.8683, 59.0334, 53.4088



84.0845, 94.9114, 82.8899



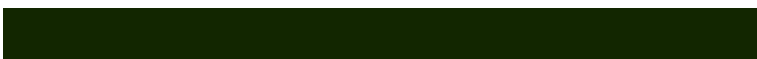
50.1887, 57.6473, 53.4920



11.5699, 12.7957, 11.9394



16.8368, 28.8550, 4.6822



0.9560, 1.5337, 0.2456

Inverse Universe

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



50.5820, 49.9269, 65.3664



79.7782, 77.7595, 105.4121



53.4834, 51.4280, 65.2594



11.1510, 11.1271, 14.1304



10.7432, 4.7459, 36.3061



0.6416, 0.2899, 1.8771

Previews

White Background



This preview shows how the XYZ color 52.8667, 59.0308, 53.4075 looks on a white background.

Color Contrast Check

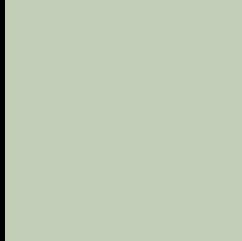
Large Text (above 18pt) WCAG AA × Fail

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 52.8667, 59.0308, 53.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

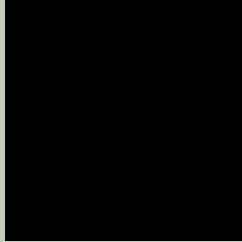
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

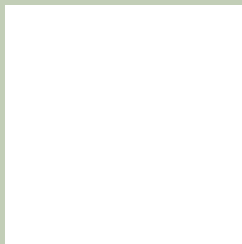
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8667, 59.0308, 53.4075

Background



This preview shows how black text looks on a background with the XYZ color 52.8667, 59.0308, 53.4075.



This preview shows how white text looks on a background with the XYZ color 52.8667, 59.0308,

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

52.8667, 59.0308, 53.4075

Protanopia

55.7032, 58.7702, 51.5879

Deuteranopia

59.9506, 58.8639, 54.1011



Tritanopia

56.9642, 58.9252, 74.0170

Trichromacy



Original Color

52.8667, 59.0308, 53.4075

Protanomaly

54.5983, 58.8854, 52.2045

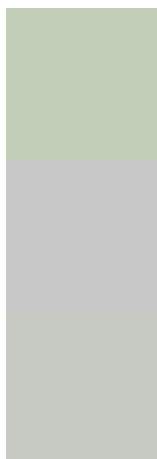
Deuteranomaly

57.0995, 58.7546, 53.6787

Tritanomaly

55.4013, 58.9900, 66.2238

Monochromacy



Original Color

52.8667, 59.0308, 53.4075

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1468, 58.1419, 59.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8667, 59.0308, 53.4075 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(194, 206, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 183)  
}
```

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(194, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.8667, 59.0308, 53.4075 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(194, 206, 183) }
```


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

```
.border{ border-color:rgb(194, 206, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8667, 59.0308, 53.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 183) }
```

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

```
.background{ background-color: rgb(194,  
206, 183) }
```

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