

Converting Colors

XYZ(52.9175, 59.0809, 52.3308)

Have a look what the booklet for
XYZ(52.9175, 59.0809, 52.3308)
contains.

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Color

**XYZ(52.9175, 59.0809,
52.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CEB5
RGB	195, 206, 181
RGB Percent	76%, 81%, 71%
CMY	0.2353, 0.1921, 0.2902
CMYK	0.05, 0.00, 0.12, 0.19
HSL	86°, 20%, 76%
HSV	86°, 12%, 81%
XYZ	52.9175, 59.0809, 52.3308
YIQ	199.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

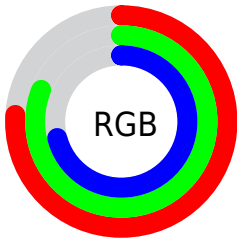
Format	Color
RYB	181, 206, 192
Decimal	12832437
CIELab	81.34, -8.22, 11.16
CIELCh	81, 13.861, 126.382
Yxy	59.0809, 0.3220, 0.3595
Android (android.graphics.Color)	4291022517 (0xFFC3CEB5)
YUV	199.8610, -9.2985, -4.2631
Hunter-Lab	76.8641, -11.6229, 13.4389

Details

The XYZ color **52.9175, 59.0809, 52.3308** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4050, 48.7121, 65.1940**, and the grayscale version is **54.8703, 57.7279, 62.8656**.

A 20% lighter version of the original color is **91.1909, 98.3299, 94.2941**, and **26.1090, 29.6777, 24.7744** is the 20% darker color. If you saturate the color by 10%, you get **48.6867, 57.1280, 41.9028**, and if you desaturate by 10%, it is **57.6064, 61.2373, 64.4143**.

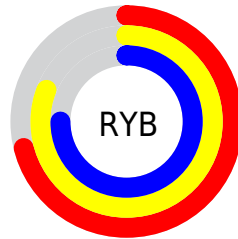
Distribution



Red (76%)

Green (81%)

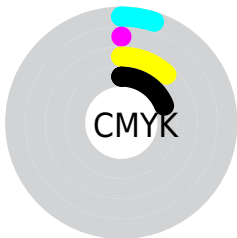
Blue (71%)



Red (71%)

Yellow (81%)

Blue (75%)

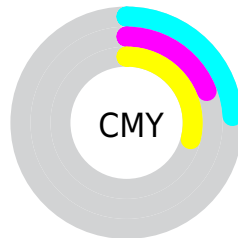


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (19%)



Cyan (24%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9175, 59.0809, 52.3308 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 52.9175, 59.0809, 52.3308 by changing the saturation by 10% instead.


 52.9175, 59.0809,
52.3308

 52.9175, 59.0809,
52.3308


388.2346,
421.2017, 412.7056

 37.9641, 42.6782,
36.8848


 93.6492, 103.4952,
95.0505

 26.1319, 29.6327,
24.8232


120.1582,
132.2757, 123.1612

 17.0556, 19.5600,
15.7276


151.2499,
165.9509, 156.3305

 10.3697, 12.0756,
9.1793

187.2895,
204.9052, 194.9770

 5.7089, 6.7952,
4.7599

228.6424,
249.5231, 239.5192

 2.7078, 3.3343,
2.0508

275.6740,

 1.0012, 1.3087,

300.1888, 290.3757

0.5863

328.7496,
357.2869, 347.9650

0.0000, 0.1479,
0.0000

0.0000, 0.0000,
0.0000

52.9175, 59.0809,
52.3308

52.9175, 59.0809,
52.3308

48.6867, 57.1280,
41.9028

57.6064, 61.2373,
64.4143

44.8930, 55.3642,
33.0542

62.7638, 63.5958,
78.2169

41.5208, 53.7849,
25.7090

68.4058, 66.1652,
93.8040

38.5514, 52.3822,
19.7832

73.1633, 68.3981,
103.9538

■ 35.9647, 51.1478,
15.1846

■ 76.1704, 69.9483,
104.0945

■ 33.7383, 50.0724,
11.8100

■ 79.3314, 71.5779,
104.2424

■ 31.8469, 49.1456,
9.5413

■ 81.3625, 72.6249,
104.3375

■ 30.2605, 48.3551,
8.2366

■ 29.1880, 47.8131,
7.6905

Harmonies

Analogous

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



55.5382, 59.0809, 49.7529



52.9175, 59.0809, 52.3308



51.2079, 59.0809, 58.1521

Triad

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



52.9175, 59.0809, 52.3308



53.9542, 59.0809, 80.0667



61.8694, 59.0809, 62.5734

Complementary

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



52.9175, 59.0809, 52.3308



49.4050, 48.7121, 65.1940

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.



61.4100, 59.0809, 70.9286



52.9175, 59.0809, 52.3308



56.7756, 59.0809, 81.5058

Square

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



52.9175, 59.0809, 52.3308



51.7920, 59.0809, 74.2548



59.5211, 59.0809, 78.0339



60.7556, 59.0809, 55.3298

Rectangle

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



52.9175, 59.0809, 52.3308



50.7812, 59.0809, 63.3285



59.5211, 59.0809, 78.0339



61.8944, 59.0809, 65.3401

Sweetspot

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



52.9191, 59.0835, 52.3321



91.8186, 98.5189, 100.4029



52.6093, 54.0862, 51.3838



19.5259, 21.0288, 21.1592



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.



52.9191, 59.0835, 52.3321



83.5677, 94.7227, 79.3541



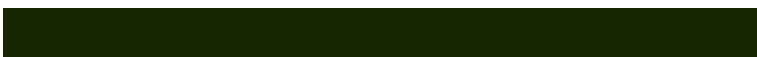
49.8628, 57.5079, 52.1890



11.6588, 12.8415, 11.9436



18.0853, 29.4986, 4.7406



1.0193, 1.5663, 0.2486

Inverse Universe

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



49.4050, 48.7121, 65.1940



76.5936, 74.1389, 104.8811



52.6600, 50.3901, 65.3464



11.0624, 11.0815, 14.1263



9.6035, 4.1583, 36.2527



0.5821, 0.2592, 1.8743

Previews

White Background



This preview shows how the XYZ color 52.9175, 59.0809, 52.3308 looks on a white background.

Color Contrast Check

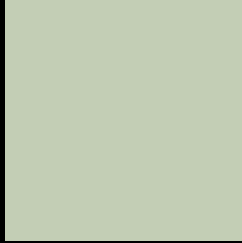
Large Text (above 18pt) WCAG AA × Fail

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 52.9175, 59.0809, 52.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

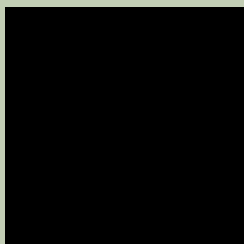
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

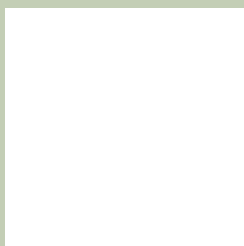
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9175, 59.0809, 52.3308

Background



This preview shows how black text looks on a background with the XYZ color 52.9175, 59.0809, 52.3308.



This preview shows how white text looks on a background with the XYZ color 52.9175, 59.0809,

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

52.9175, 59.0809, 52.3308

Protanopia

55.8873, 58.8768, 51.0666

Deuteranopia

60.0573, 58.9431, 53.0115



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

52.9175, 59.0809, 52.3308

Protanomaly

54.7710, 58.9863, 51.6788

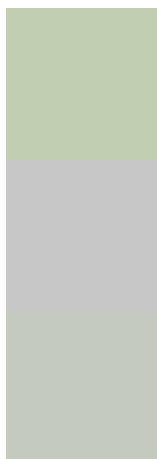
Deuteranomaly

57.1858, 58.8232, 52.5960

Tritanomaly

55.5437, 59.0773, 65.6023

Monochromacy



Original Color

52.9175, 59.0809, 52.3308

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0349, 58.0971, 58.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9175, 59.0809, 52.3308 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(195, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 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(195, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.9175, 59.0809, 52.3308 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(195, 206, 181) }
```


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

```
.border{ border-color:rgb(195, 206, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9175, 59.0809, 52.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 181) }
```

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

```
.background{ background-color: rgb(195,  
206, 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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