

Converting Colors

XYZ(52.9765, 59.7863, 57.3863)

Have a look what the booklet for
XYZ(52.9765, 59.7863, 57.3863)
contains.

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Color

**XYZ(52.8364, 59.6483,
57.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD0BE
RGB	189, 208, 190
RGB Percent	74%, 82%, 75%
CMY	0.2588, 0.1843, 0.2549
CMYK	0.09, 0.00, 0.09, 0.18
HSL	123°, 17%, 78%
HSV	123°, 9%, 82%
XYZ	52.8364, 59.6483, 57.4437
YIQ	200.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

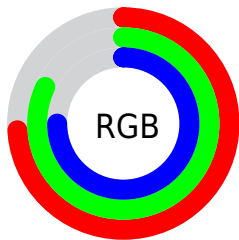
Format	Color
RYB	189, 207, 208
Decimal	12439742
CIELab	81.65, -9.77, 6.75
CIELCh	82, 11.876, 145.361
Yxy	59.6483, 0.3109, 0.3510
Android (android.graphics.Color)	4290629822 (0xFFBDD0BE)
YUV	200.2670, -5.0616, -9.8812
Hunter-Lab	77.2323, -13.0406, 9.9640

Details

The XYZ color **52.8364, 59.6483, 57.4437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4747, 54.3115, 66.5937**, and the grayscale version is **55.0983, 57.9677, 63.1268**.

A 20% lighter version of the original color is **90.0507, 97.5863, 101.2786**, and **26.2243, 30.1516, 28.1046** is the 20% darker color. If you saturate the color by 10%, you get **46.0320, 56.3745, 46.6324**, and if you desaturate by 10%, it is **60.6753, 63.4252, 69.8260**.

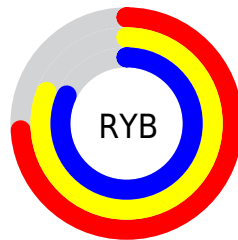
Distribution



Red (74%)

Green (82%)

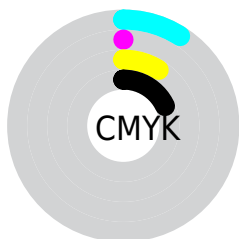
Blue (75%)



Red (74%)

Yellow (81%)

Blue (82%)

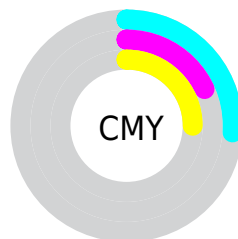


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8364, 59.6483, 57.4437 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 52.8364, 59.6483, 57.4437 by changing the saturation by 10% instead.

■ 52.8364, 59.6483,
57.4437

■ 52.8364, 59.6483,
57.4437

387.9283,
423.3002, 432.6501

■ 37.8991, 43.1352,
40.9498

■ 93.5305, 104.3193,
102.6191

■ 26.0813, 29.9912,
27.9605

120.0181,
133.2460, 132.1377

■ 17.0175, 19.8319,
18.0571

151.0865,
167.0794, 166.8349

■ 10.3423, 12.2729,
10.8211

187.1011,
206.2039, 207.1294

■ 5.6905, 6.9298,
5.8340

228.4272,
251.0038, 253.4396

■ 2.6967, 3.4183,
2.6773

275.4302,

■ 0.9955, 1.3538,

301.8635, 306.1841

0.9320

328.4754,
359.1676, 365.7814

■ 0.0000, 0.1823,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8364, 59.6483,
57.4437

■ 52.8364, 59.6483,
57.4437

■ 46.0320, 56.3745,
46.6324

■ 60.6753, 63.4252,
69.8260

■ 40.2143, 53.5753,
37.3257

■ 69.5843, 67.7171,
83.8343

■ 35.3389, 51.2310,
29.4580

■ 79.6032, 72.5451,
99.5262

■ 31.3562, 49.3176,
22.9574

■ 81.8471, 73.5941,
104.4990

■ 28.2121, 47.8089,
17.7462

■ 25.8465, 46.6756,
13.7384

■ 24.1913, 45.8848,
10.8379

■ 23.1668, 45.3978,
8.9338

■ 22.6500, 45.1539,
7.8909

Harmonies

Analogous

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



54.6631, 59.6483, 53.3021



52.8364, 59.6483, 57.4437



52.0438, 59.6483, 63.8417

Triad

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



52.8364, 59.6483, 57.4437



56.3067, 59.6483, 79.6319



61.1420, 59.6483, 59.2359

Complementary

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



52.8364, 59.6483, 57.4437



55.4747, 54.3115, 66.5937

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.



61.6131, 59.6483, 66.0647



52.8364, 59.6483, 57.4437



58.7744, 59.6483, 78.1750

Square

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



52.8364, 59.6483, 57.4437



54.0096, 59.6483, 76.9240



60.7348, 59.6483, 73.0765



59.4657, 59.6483, 54.2823

Rectangle

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



52.8364, 59.6483, 57.4437



52.1910, 59.6483, 68.6563



60.7348, 59.6483, 73.0765



61.4486, 59.6483, 61.3735

Sweetspot

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



52.8380, 59.6508, 57.4450



91.1463, 98.1198, 102.7410



57.4899, 62.0616, 57.0938



19.2913, 20.8968, 21.6470



0.0000, 0.0000, 0.0000



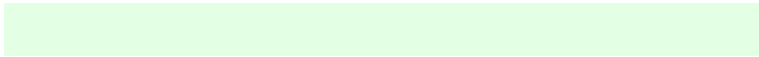
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8380, 59.6508, 57.4450



81.4857, 93.4679, 87.4561



53.9051, 60.0777, 63.0642



11.6812, 13.2162, 12.6775



14.1066, 28.1356, 4.9416



0.7978, 1.5768, 0.3240

Inverse Universe

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



55.4747, 54.3115, 66.5937



86.5085, 83.2961, 104.8845



54.3532, 53.8629, 60.6879



12.2828, 11.9979, 14.7650



22.5087, 10.8763, 33.9145



1.2670, 0.6115, 1.9406

Previews

White Background



This preview shows how the XYZ color 52.8364, 59.6483, 57.4437 looks on a white background.

Color Contrast Check

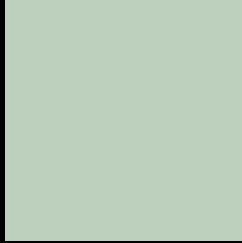
Large Text (above 18pt) WCAG AA × Fail

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 52.8364, 59.6483, 57.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

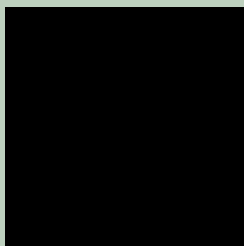
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

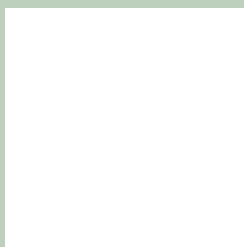
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8364, 59.6483, 57.4437

Background



This preview shows how black text looks on a background with the XYZ color 52.8364, 59.6483, 57.4437.



This preview shows how white text looks on a background with the XYZ color 52.8364, 59.6483,

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

52.8364, 59.6483, 57.4437

Protanopia

56.6685, 59.5306, 55.5175

Deuteranopia

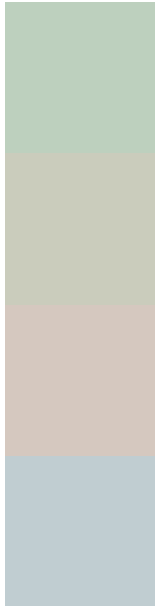
60.6184, 59.4544, 58.1501



Tritanopia

56.7593, 59.8224, 76.2655

Trichromacy



Original Color

52.8364, 59.6483, 57.4437

Protanomaly

55.0271, 59.3731, 56.1369

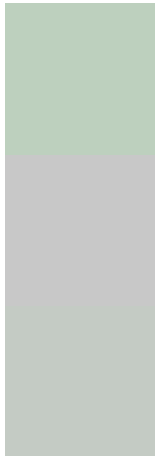
Deuteranomaly

57.4988, 59.2163, 57.6896

Tritanomaly

55.0782, 59.4726, 68.8980

Monochromacy



Original Color

52.8364, 59.6483, 57.4437

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 52.8364, 59.6483, 57.4437 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(189, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.8364, 59.6483, 57.4437 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(189, 208, 190) }
```


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

```
.border{ border-color:rgb(189, 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(189, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8364, 59.6483, 57.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 190) }
```

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

```
.background{ background-color: rgb(189,  
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](#).

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