

Converting Colors

XYZ(52.2946, 59.3394, 48.0230)

Have a look what the booklet for
XYZ(52.2946, 59.3394, 48.0230)
contains.

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Color

**XYZ(52.3613, 59.2449,
48.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CFAD
RGB	195, 207, 173
RGB Percent	76%, 81%, 68%
CMY	0.2353, 0.1882, 0.3216
CMYK	0.06, 0.00, 0.16, 0.19
HSL	81°, 26%, 75%
HSV	81°, 16%, 81%
XYZ	52.3613, 59.2449, 48.2108
YIQ	199.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

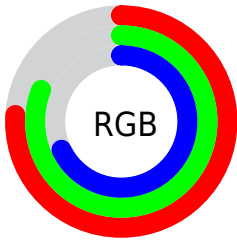
Format	Color
RYB	173, 207, 185
Decimal	12832685
CIELab	81.43, -10.06, 15.54
CIELCh	81, 18.509, 122.910
Yxy	59.2449, 0.3276, 0.3707
Android (android.graphics.Color)	4291022765 (0xFFC3CFAD)
YUV	199.5360, -13.0822, -3.9781
Hunter-Lab	76.9707, -13.2695, 16.7431

Details

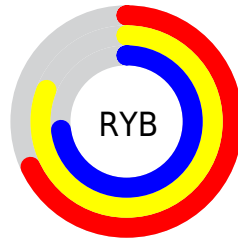
The XYZ color **52.3613, 59.2449, 48.2108** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2160, 44.7080, 65.2284**, and the grayscale version is **54.6920, 57.5403, 62.6613**.

A 20% lighter version of the original color is **89.9085, 97.8169, 87.5407**, and **25.8269, 29.8257, 22.4849** is the 20% darker color. If you saturate the color by 10%, you get **48.6696, 57.5574, 38.3798**, and if you desaturate by 10%, it is **56.4590, 61.1094, 59.6833**.

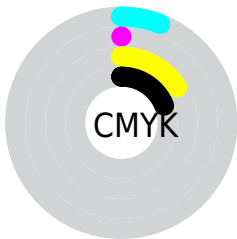
Distribution



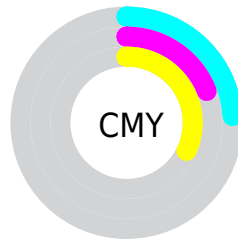
- Red (76%)
- Green (81%)
- Blue (68%)



- Red (68%)
- Yellow (81%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3613, 59.2449, 48.2108 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 52.3613, 59.2449, 48.2108 by changing the saturation by 10% instead.


 52.3613, 59.2449,
48.2108

 52.3613, 59.2449,
48.2108


386.1309,
421.8089, 396.1599

 37.5186, 42.8103,
33.6327


 92.8349, 103.7335,
88.8870

 25.7848, 29.7363,
22.3365


119.1966,
132.5563, 115.8221

 16.7945, 19.6385,
13.9037


150.1285,
166.2773, 147.7134

 10.1825, 12.1326,
7.9157

185.9962,
205.2809, 184.9793

 5.5833, 6.8340,
3.9541

227.1649,
249.9514, 228.0383

 2.6316, 3.3585,
1.6002

274.0000,

 0.9621, 1.3216,

300.6733, 277.3091

0.2909

326.8669,
357.8310, 333.2101

■ 0.0000, 0.1579,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3613, 59.2449,
48.2108

■ 52.3613, 59.2449,
48.2108

■ 48.6696, 57.5574,
38.3798

■ 56.4590, 61.1094,
59.6833

■ 45.3637, 56.0327,
30.1112

■ 60.9725, 63.1492,
72.8637

■ 42.4283, 54.6666,
23.3256

■ 65.9172, 65.3724,
87.8193

■ 39.8455, 53.4517,
17.9346

■ 71.1767, 67.7326,
103.9300

■ 37.5951, 52.3799,
13.8407

■ 73.4938, 68.9271,
104.0385

■ 35.6550, 51.4421,
10.9336

■ 75.9096, 70.1725,
104.1515

■ 33.9993, 50.6277,
9.0850

■ 78.4251, 71.4693,
104.2692

■ 32.5953, 49.9236,
8.1307

■ 81.0414, 72.8181,
104.3917

■ 32.1336, 49.6903,
7.8976

■ 81.6040, 73.1081,
104.4180

Harmonies

Analogous

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



55.9334, 59.2449, 45.4691



52.3613, 59.2449, 48.2108



49.9385, 59.2449, 55.2761

Triad

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



52.3613, 59.2449, 48.2108



52.9874, 59.2449, 85.4150



64.0786, 59.2449, 63.4313

Complementary

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



52.3613, 59.2449, 48.2108



46.2160, 44.7080, 65.2284

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.



63.2027, 59.2449, 74.7137



52.3613, 59.2449, 48.2108



56.6893, 59.2449, 88.2332

Square

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



52.3613, 59.2449, 48.2108



50.2882, 59.2449, 76.8005



60.4534, 59.2449, 84.1164



62.7954, 59.2449, 53.6019

Rectangle

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



52.3613, 59.2449, 48.2108



49.2403, 59.2449, 61.9112



60.4534, 59.2449, 84.1164



64.0270, 59.2449, 67.1757

Sweetspot

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



52.3629, 59.2475, 48.2121



91.4279, 98.3621, 98.3684



50.6052, 50.9406, 46.7013



19.4633, 21.0055, 20.7503



0.0000, 0.0000, 0.0000



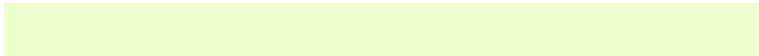
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3629, 59.2475, 48.2121



81.5825, 93.8833, 70.9482



48.2406, 57.1224, 48.0192



12.3816, 13.5801, 12.5807



20.3505, 31.3600, 4.9805



1.2222, 1.7969, 0.2824

Inverse Universe

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



46.2160, 44.7080, 65.2284



69.7685, 65.9361, 103.6575



50.5383, 46.9363, 65.4307



11.5518, 11.6178, 14.8773



8.9242, 3.7809, 37.4519



0.5842, 0.2553, 2.0981

Previews

White Background



This preview shows how the XYZ color 52.3613, 59.2449, 48.2108 looks on a white background.

Color Contrast Check

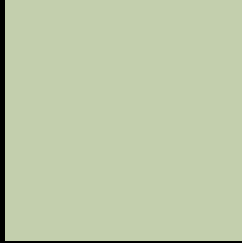
Large Text (above 18pt) WCAG AA × Fail

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 52.3613, 59.2449, 48.2108 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

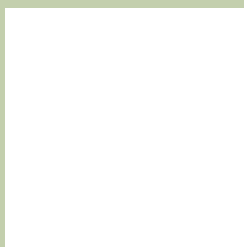
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3613, 59.2449, 48.2108

Background



This preview shows how black text looks on a background with the XYZ color 52.3613, 59.2449, 48.2108.



This preview shows how white text looks on a background with the XYZ color 52.3613, 59.2449,

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

52.3613, 59.2449, 48.2108

Protanopia

55.8168, 59.2895, 46.5324

Deuteranopia

60.3066, 59.1537, 49.3136



Tritanopia

57.4984, 59.2005, 74.0420

Trichromacy



Original Color

52.3613, 59.2449, 48.2108

Protanomaly

54.3972, 59.2478, 47.0970

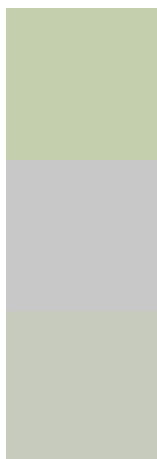
Deuteranomaly

57.0747, 58.8474, 48.9080

Tritanomaly

55.4517, 59.0710, 63.7376

Monochromacy



Original Color

52.3613, 59.2449, 48.2108

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9389, 58.4353, 57.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3613, 59.2449, 48.2108 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, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 173)  
}
```

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, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 173) }
```

Border

The CSS property to change the border of an element to XYZ 52.3613, 59.2449, 48.2108 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, 207, 173) }
```


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

```
.border{ border-color:rgb(195, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3613, 59.2449, 48.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 173) }
```

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

```
.background{ background-color: rgb(195,  
207, 173) }
```

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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