

Converting Colors

XYZ(58.3908, 63.6418, 54.7911)

Have a look what the booklet for
XYZ(58.3908, 63.6418, 54.7911)
contains.

XYZ(58.2405, 63.6045, 54.5547)	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(58.2405, 63.6045,
54.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D3B8
RGB	209, 211, 184
RGB Percent	82%, 83%, 72%
CMY	0.1804, 0.1725, 0.2784
CMYK	0.01, 0.00, 0.13, 0.17
HSL	64°, 23%, 77%
HSV	64°, 13%, 83%
XYZ	58.2405, 63.6045, 54.5547
YIQ	207.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

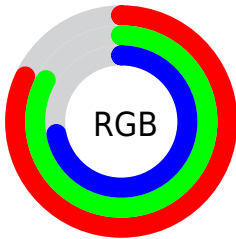
Format	Color
RYB	184, 211, 186
Decimal	13751224
CIELab	83.76, -5.31, 13.15
CIELCh	84, 14.182, 112.005
Yxy	63.6045, 0.3302, 0.3606
Android (android.graphics.Color)	4291941304 (0xFFD1D3B8)
YUV	207.3240, -11.4987, 1.4699
Hunter-Lab	79.7524, -9.2142, 15.2693

Details

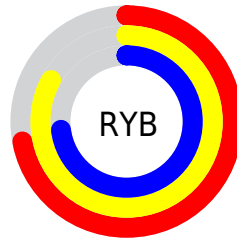
The XYZ color **58.2405, 63.6045, 54.5547** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1505, 49.4249, 68.5808**, and the grayscale version is **59.5870, 62.6901, 68.2696**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **29.4801, 32.6227, 26.2158** is the 20% darker color. If you saturate the color by 10%, you get **55.7514, 62.5600, 43.7408**, and if you desaturate by 10%, it is **61.0674, 64.7888, 67.1092**.

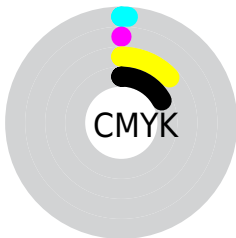
Distribution



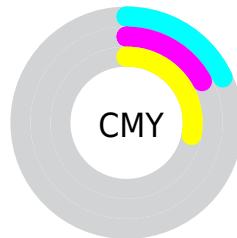
- Red (82%)
- Green (83%)
- Blue (72%)



- Red (72%)
- Yellow (83%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2405, 63.6045, 54.5547 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 58.2405, 63.6045, 54.5547 by changing the saturation by 10% instead.

■ 58.2405, 63.6045,
54.5547

■ 58.2405, 63.6045,
54.5547

408.0209,
437.7600, 421.4560

■ 42.2460, 46.3304,
38.6491

■ 101.3940,
110.0412, 98.3528

■ 29.4859, 32.5066,
26.1811

129.2837,
139.9725, 127.0824

■ 19.5949, 21.7488,
16.7322

161.8691,
174.8918, 160.9238

■ 12.2074, 13.6724,
9.8838

199.5158,
215.1833, 200.2955

■ 6.9583, 7.8932,
5.2174

242.5889,
261.2315, 245.6160

■ 3.4821, 4.0267,
2.3144

291.4539,

■ 1.4136, 1.6885,

313.4207, 297.3039

0.7393

346.4761,
372.1354, 355.7777

■ 0.2659, 0.4162,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2405, 63.6045,
54.5547

■ 58.2405, 63.6045,
54.5547

■ 55.7514, 62.5600,
43.7408

■ 61.0674, 64.7888,
67.1092

■ 53.5803, 61.6411,
34.5867

■ 64.2406, 66.1100,
81.4721

■ 51.7133, 60.8444,
27.0115

■ 67.7747, 67.5761,
97.7126

■ 50.1334, 60.1630,
20.9256

■ 69.4478, 68.2983,
104.1303

■ 48.8220, 59.5895,
16.2306

■ 69.9107, 68.5369,
104.1520

■ 47.7580, 59.1155,
12.8166

■ 70.3779, 68.7778,
104.1739

■ 46.9174, 58.7313,
10.5565

■ 70.8496, 69.0210,
104.1959

■ 46.2713, 58.4254,
9.2978

■ 71.3258, 69.2664,
104.2182

■ 45.8904, 58.2391,
8.8226

■ 71.8064, 69.5142,
104.2407

Harmonies

Analogous

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



61.2900, 63.6045, 53.6375



58.2405, 63.6045, 54.5547



55.8617, 63.6045, 59.2350

Triad

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



58.2405, 63.6045, 54.5547



56.8462, 63.6045, 83.6511



66.5733, 63.6045, 71.6646

Complementary

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



58.2405, 63.6045, 54.5547



49.1505, 49.4249, 68.5808

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.



65.2917, 63.6045, 80.3446



58.2405, 63.6045, 54.5547



59.6260, 63.6045, 87.6419

Square

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



58.2405, 63.6045, 54.5547



55.0761, 63.6045, 75.8736



62.7232, 63.6045, 86.3827



66.1714, 63.6045, 63.0320

Rectangle

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



58.2405, 63.6045, 54.5547



54.9417, 63.6045, 64.0958



62.7232, 63.6045, 86.3827



66.3236, 63.6045, 74.6828

Sweetspot

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



58.2422, 63.6073, 54.5561



93.1729, 99.2171, 100.4663



53.0345, 52.3448, 52.6567



19.8694, 21.2059, 21.1753



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.



58.2422, 63.6073, 54.5561



88.4552, 97.2423, 79.5828



54.6353, 61.7478, 54.3873



12.7132, 13.7511, 12.5962



27.7315, 35.1651, 5.3259



1.5770, 1.9798, 0.2990

Inverse Universe

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



49.1505, 49.4249, 68.5808



72.1894, 71.8685, 104.6750



52.5332, 51.1688, 68.7391



11.2438, 11.4590, 14.8629



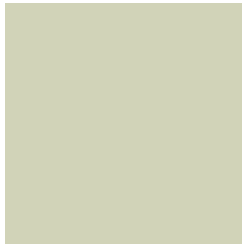
7.2544, 2.9201, 37.3738



0.4347, 0.1782, 2.0911

Previews

White Background



This preview shows how the XYZ color 58.2405, 63.6045, 54.5547 looks on a white background.

Color Contrast Check

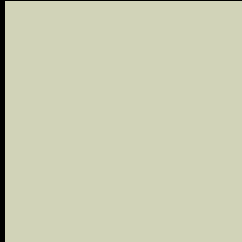
Large Text (above 18pt) WCAG AA × Fail

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 58.2405, 63.6045, 54.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

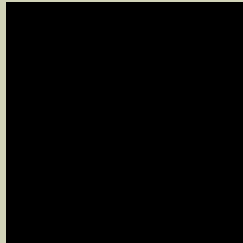
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

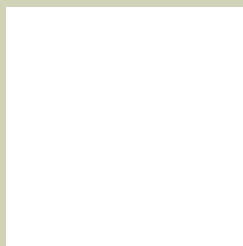
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2405, 63.6045, 54.5547

Background



This preview shows how black text looks on a background with the XYZ color 58.2405, 63.6045, 54.5547.



This preview shows how white text looks on a background with the XYZ color 58.2405, 63.6045,

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

58.2405, 63.6045, 54.5547

Protanopia

60.0166, 63.4361, 53.8809

Deuteranopia

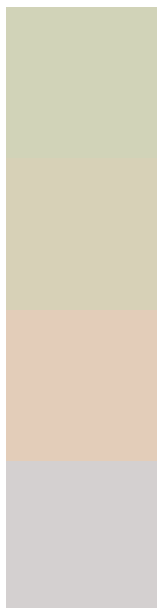
64.6746, 63.3230, 55.2682



Tritanopia

62.9877, 63.7127, 78.0852

Trichromacy



Original Color

58.2405, 63.6045, 54.5547

Protanomaly

59.3720, 63.4669, 53.9208

Deuteranomaly

62.2668, 63.4963, 54.8731

Tritanomaly

61.0924, 63.6629, 68.7428

Monochromacy



Original Color

58.2405, 63.6045, 54.5547

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8771, 62.6452, 63.0214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2405, 63.6045, 54.5547 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(209, 211, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 184)  
}
```

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(209, 211, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.2405, 63.6045, 54.5547 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(209, 211, 184) }
```


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

```
.border{ border-color:rgb(209, 211, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 211, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2405, 63.6045, 54.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 184) }
```

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

```
.background{ background-color: rgb(209,  
211, 184) }
```

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