

Converting Colors

XYZ(58.7075, 63.0837, 54.5955)

Have a look what the booklet for
XYZ(58.7075, 63.0837, 54.5955)
contains.

XYZ(58.6036, 63.0587, 54.4302)	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(58.6036, 63.0587,
54.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1B8
RGB	212, 209, 184
RGB Percent	83%, 82%, 72%
CMY	0.1686, 0.1804, 0.2784
CMYK	0.00, 0.01, 0.13, 0.17
HSL	54°, 25%, 78%
HSV	54°, 13%, 83%
XYZ	58.6036, 63.0587, 54.4302
YIQ	207.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

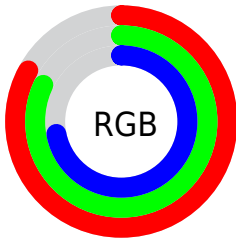
Format	Color
RYB	187, 212, 184
Decimal	13947320
CIELab	83.47, -3.20, 12.78
CIELCh	83, 13.171, 104.059
Yxy	63.0587, 0.3328, 0.3581
Android (android.graphics.Color)	4292137400 (0xFFD4D1B8)
YUV	207.0470, -11.3622, 4.3438
Hunter-Lab	79.4095, -7.2350, 14.9471

Details

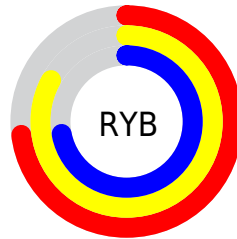
The XYZ color **58.6036, 63.0587, 54.4302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4211, 50.4835, 69.4275**, and the grayscale version is **59.4064, 62.5001, 68.0627**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **29.7227, 32.2495, 26.1309** is the 20% darker color. If you saturate the color by 10%, you get **55.9939, 61.1328, 43.4058**, and if you desaturate by 10%, it is **61.5577, 65.1392, 67.2140**.

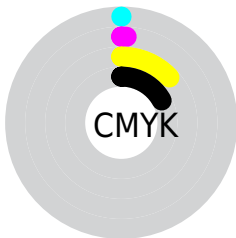
Distribution



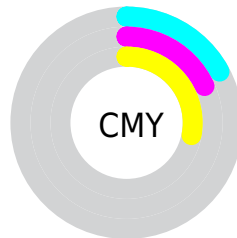
- Red (83%)
- Green (82%)
- Blue (72%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6036, 63.0587, 54.4302 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 58.6036, 63.0587, 54.4302 by changing the saturation by 10% instead.


 58.6036, 63.0587,
54.4302

 58.6036, 63.0587,
54.4302

409.3490,
435.7825, 420.9693

 42.5392, 45.8887,
38.5502


 101.9192,
109.2542, 98.1684

 29.7167, 32.1580,
26.1048


129.9012,
139.0485, 126.8636

 19.7707, 21.4822,
16.6756

162.5865,
173.8196, 160.6677

 12.3357, 13.4769,
9.8440

200.3404,
213.9521, 199.9991

 7.0466, 7.7578,
5.1914

243.5282,
259.8302, 245.2764

 3.5378, 3.9404,
2.2993

292.5153,

 1.4442, 1.6403,

311.8384, 296.9182

0.7308

347.6672,
370.3610, 355.3430

■ 0.2874, 0.3845,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6036, 63.0587,
54.4302

■ 58.6036, 63.0587,
54.4302

■ 55.9939, 61.1328,
43.4058

■ 61.5577, 65.1392,
67.2140

■ 53.7088, 59.3473,
34.0590

■ 64.8650, 67.3717,
81.8262

■ 51.7339, 57.6984,
26.3075

■ 68.5403, 69.7641,
98.3368

■ 50.0521, 56.1793,
20.0606

■ 70.2932, 71.4004,
104.6845

48.6443, 54.7823,
15.2182

70.8857, 72.5854,
104.8820

47.4893, 53.4987,
11.6683

71.4863, 73.7866,
105.0822

46.5624, 52.3188,
9.2817

72.0950, 75.0040,
105.2851

45.8340, 51.2306,
7.9027

72.7119, 76.2377,
105.4908

45.4180, 50.5300,
7.3595

73.3369, 77.4877,
105.6991

Harmonies

Analogous

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



61.4652, 63.0587, 54.5454



58.6036, 63.0587, 54.4302



56.1759, 63.0587, 57.9085

Triad

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



58.6036, 63.0587, 54.4302



56.0532, 63.0587, 80.2585



65.4048, 63.0587, 73.0969

Complementary

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



58.6036, 63.0587, 54.4302



49.4211, 50.4835, 69.4275

Split Complementary

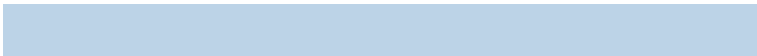
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.8590, 63.0587, 80.6666



58.6036, 63.0587, 54.4302



58.4312, 63.0587, 85.0214

Square

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



58.6036, 63.0587, 54.4302



54.7355, 63.0587, 72.5751



61.2872, 63.0587, 85.1765



65.4546, 63.0587, 64.8887

Rectangle

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



58.6036, 63.0587, 54.4302



55.1044, 63.0587, 61.9704



61.2872, 63.0587, 85.1765



65.0408, 63.0587, 75.8149

Sweetspot

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



58.6053, 63.0615, 54.4315



93.1038, 98.6661, 100.3636



53.2908, 51.8782, 54.3692



19.8518, 21.0658, 21.1492



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.



58.6053, 63.0615, 54.4315



87.7864, 94.8917, 77.4414



56.3551, 63.0028, 54.5388



13.3541, 14.2824, 13.2136



28.0831, 31.2834, 4.5582



1.7271, 1.9534, 0.2860

Inverse Universe

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



49.4211, 50.4835, 69.4275



71.0582, 71.9826, 104.7566



51.4618, 50.6020, 69.3428



11.8485, 12.2204, 15.6718



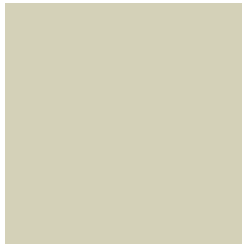
7.5572, 3.3763, 38.7065



0.4928, 0.2777, 2.3469

Previews

White Background



This preview shows how the XYZ color 58.6036, 63.0587, 54.4302 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 58.6036, 63.0587, 54.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

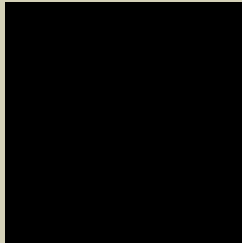
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

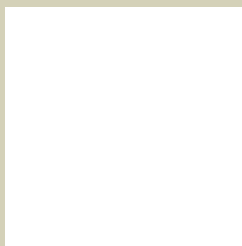
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6036, 63.0587, 54.4302

Background



This preview shows how black text looks on a background with the XYZ color 58.6036, 63.0587, 54.4302.



This preview shows how white text looks on a background with the XYZ color 58.6036, 63.0587, 54.4302.

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

58.6036, 63.0587, 54.4302

Protanopia

59.4753, 62.7963, 53.7859

Deuteranopia

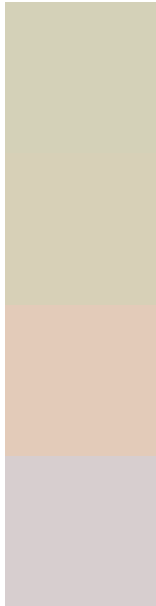
64.1093, 62.6866, 55.1752



Tritanopia

63.1264, 63.1048, 76.5635

Trichromacy



Original Color

58.6036, 63.0587, 54.4302

Protanomaly

59.1275, 62.9777, 53.8393

Deuteranomaly

61.7914, 62.5455, 54.7147

Tritanomaly

61.3581, 63.0947, 67.9761

Monochromacy



Original Color

58.6036, 63.0587, 54.4302

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1592, 62.7906, 63.0346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6036, 63.0587, 54.4302 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(212, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 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(212, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.6036, 63.0587, 54.4302 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(212, 209, 184) }
```


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

```
.border{ border-color:rgb(212, 209, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6036, 63.0587, 54.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 184) }
```

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

```
.background{ background-color: rgb(212,  
209, 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