

Converting Colors

XYZ(58.6184, 60.8485, 61.4833)

Have a look what the booklet for
XYZ(58.6184, 60.8485, 61.4833)
contains.

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Color

**XYZ(58.5854, 60.7401,
61.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CBC5
RGB	212, 203, 197
RGB Percent	83%, 80%, 77%
CMY	0.1686, 0.2039, 0.2274
CMYK	0.00, 0.04, 0.07, 0.17
HSL	24°, 15%, 80%
HSV	24°, 7%, 83%
XYZ	58.5854, 60.7401, 61.4596
YIQ	205.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

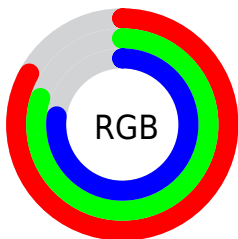
Format	Color
R _Y B	212, 207, 197
Decimal	13945797
CIE Lab	82.24, 2.08, 4.09
CIE LCh	82, 4.587, 63.075
Yxy	60.7401, 0.3241, 0.3360
Android (android.graphics.Color)	4292135877 (0xFFD4CBC5)
YUV	205.0070, -3.9475, 6.1329
Hunter-Lab	77.9359, -2.2072, 7.7996

Details

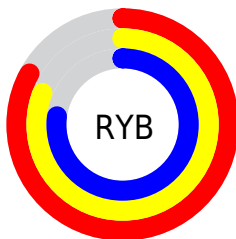
The XYZ color **58.5854, 60.7401, 61.4596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9810, 60.7657, 71.0140**, and the grayscale version is **58.0553, 61.0787, 66.5147**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.6100, 30.6462, 30.3413** is the 20% darker color. If you saturate the color by 10%, you get **53.4449, 54.0766, 48.5923**, and if you desaturate by 10%, it is **64.3173, 68.0382, 76.2109**.

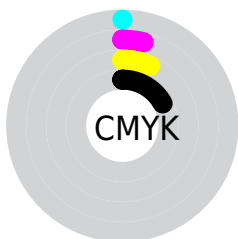
Distribution



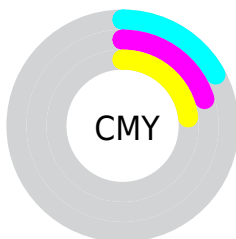
- Red (83%)
- Green (80%)
- Blue (77%)



- Red (83%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5854, 60.7401, 61.4596 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 58.5854, 60.7401, 61.4596 by changing the saturation by 10% instead.

■ 58.5854, 60.7401,
61.4596

■ 58.5854, 60.7401,
61.4596

409.2825,
427.3204, 447.9103

■ 42.5245, 44.0155,
44.1632

101.8929,
105.9025, 108.5081

■ 29.7051, 30.6827,
30.4607

129.8703,
135.1091, 139.0974

■ 19.7618, 20.3573,
19.9335

162.5506,
169.2451, 174.9546

■ 12.3293, 12.6550,
12.1631

200.2991,
208.6949, 216.4984

■ 7.0422, 7.1914,
6.7310

243.4811,
253.8430, 264.1474

■ 3.5350, 3.5821,
3.2186

292.4622,

■ 1.4426, 1.4427,

305.0737, 318.3200

1.2073

347.6075,
362.7713, 379.4348

■ 0.2863, 0.2479,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5854, 60.7401,
61.4596

■ 58.5854, 60.7401,
61.4596

■ 53.4449, 54.0766,
48.5923

■ 64.3173, 68.0382,
76.2109

■ 48.8706, 48.0222,
37.5285

■ 70.6545, 75.9796,
92.9146

■ 44.8430, 42.5615,
28.1876

■ 76.7016, 84.2169,
106.8206

■ 41.3393, 37.6750,
20.4812

■ 80.6009, 92.0155,
108.1204

■ 38.3350, 33.3424,
14.3130

■ 80.9618, 92.7372,
108.2407

■ 35.8035, 29.5420,
9.5765

■ 33.7150, 26.2501,
6.1515

■ 32.0356, 23.4408,
3.8974

■ 30.7223, 21.0840,
2.6284

Harmonies

Analogous

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



59.3181, 60.7401, 63.2464



58.5854, 60.7401, 61.4596



57.6311, 60.7401, 60.9139

Triad

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



58.5854, 60.7401, 61.4596



55.8784, 60.7401, 66.4243



58.7616, 60.7401, 70.7412

Complementary

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



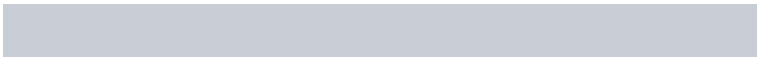
58.5854, 60.7401, 61.4596



56.9810, 60.7657, 71.0140

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.



57.8323, 60.7401, 71.6476



58.5854, 60.7401, 61.4596



56.1737, 60.7401, 69.1116

Square

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



58.5854, 60.7401, 61.4596



56.0749, 60.7401, 63.7322



56.8862, 60.7401, 71.0430



59.4207, 60.7401, 68.5987

Rectangle

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



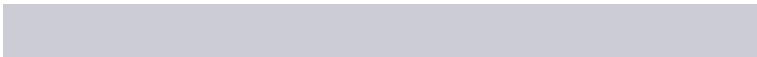
58.5854, 60.7401, 61.4596



56.9994, 60.7401, 61.3144



56.8862, 60.7401, 71.0430



58.4701, 60.7401, 71.2032

Sweetspot

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



58.5871, 60.7428, 61.4609



93.2716, 97.7397, 104.3100



58.2591, 58.3868, 66.5926



19.9826, 20.9441, 22.3747



0.0000, 0.0000, 0.0000



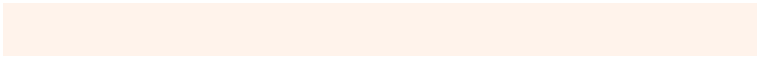
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5871, 60.7428, 61.4609



88.1579, 91.1955, 91.2507



60.4006, 64.3697, 62.0654



12.8271, 13.2284, 13.0380



18.8521, 12.8214, 1.4812



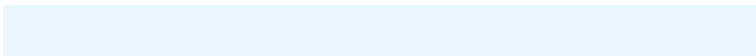
1.2169, 0.9330, 0.1160

Inverse Universe

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



56.9810, 60.7657, 71.0140



85.3894, 91.2350, 107.7173



55.2191, 57.2419, 70.4267



12.3558, 13.2351, 15.8409



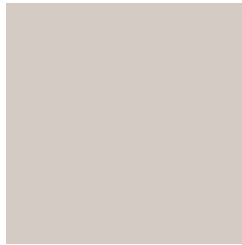
12.1341, 12.5300, 40.2321



0.8119, 0.9158, 2.4533

Previews

White Background



This preview shows how the XYZ color 58.5854, 60.7401, 61.4596 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 58.5854, 60.7401, 61.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

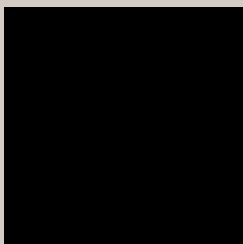
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

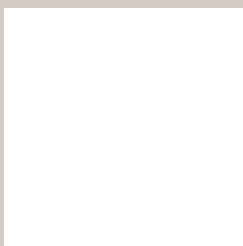
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5854, 60.7401, 61.4596

Background



This preview shows how black text looks on a background with the XYZ color 58.5854, 60.7401, 61.4596.

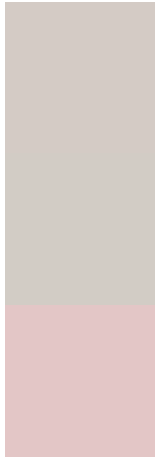


This preview shows how white text looks on a background with the XYZ color 58.5854, 60.7401,

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

58.5854, 60.7401, 61.4596

Protanopia

58.2493, 60.9186, 61.5117

Deuteranopia

62.0657, 60.7963, 61.8897



Tritanopia

61.0733, 60.7135, 73.4657

Trichromacy



Original Color

58.5854, 60.7401, 61.4596

Protanomaly

58.5349, 61.0658, 61.5251

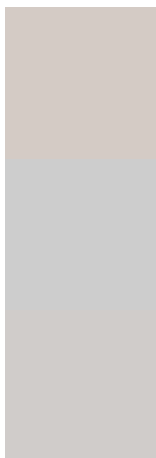
Deuteranomaly

60.9715, 60.9154, 61.9704

Tritanomaly

60.1268, 60.6729, 68.8636

Monochromacy



Original Color

58.5854, 60.7401, 61.4596

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2660, 60.8599, 64.5533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5854, 60.7401, 61.4596 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, 203, 197) looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 197)  
}
```

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, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.5854, 60.7401, 61.4596 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, 203, 197) }
```


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

```
.border{ border-color:rgb(212, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5854, 60.7401, 61.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 197) }
```

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

```
.background{ background-color: rgb(212,  
203, 197) }
```

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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