

Converting Colors

XYZ(60.4345, 64.1210, 60.2314)

Have a look what the booklet for
XYZ(60.4345, 64.1210, 60.2314)
contains.

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Color

**XYZ(60.5158, 64.2844,
60.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D2C2
RGB	214, 210, 194
RGB Percent	84%, 82%, 76%
CMY	0.1608, 0.1764, 0.2392
CMYK	0.00, 0.02, 0.09, 0.16
HSL	48°, 20%, 80%
HSV	48°, 9%, 84%
XYZ	60.5158, 64.2844, 60.2575
YIQ	209.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

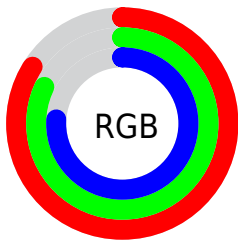
Format	Color
R _Y B	199, 214, 194
Decimal	14078658
CIE Lab	84.11, -1.38, 8.41
CIE LCh	84, 8.520, 99.326
Yxy	64.2844, 0.3270, 0.3474
Android (android.graphics.Color)	4292268738 (0xFFD6D2C2)
YUV	209.3720, -7.5784, 4.0588
Hunter-Lab	80.1776, -5.5839, 11.5648

Details

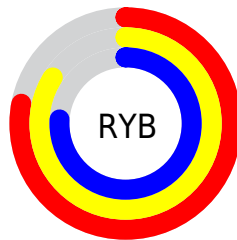
The XYZ color **60.5158, 64.2844, 60.2575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5798, 56.7116, 71.6889**, and the grayscale version is **60.8933, 64.0645, 69.7662**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **30.9202, 33.0413, 29.5589** is the 20% darker color. If you saturate the color by 10%, you get **57.2424, 61.3105, 48.1504**, and if you desaturate by 10%, it is **64.1671, 67.4588, 74.1998**.

Distribution



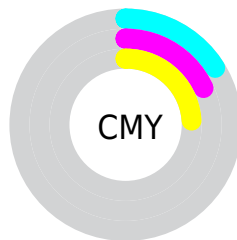
- Red (84%)
- Green (82%)
- Blue (76%)



- Red (78%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5158, 64.2844, 60.2575 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 60.5158, 64.2844, 60.2575 by changing the saturation by 10% instead.

60.5158, 64.2844,
60.2575

60.5158, 64.2844,
60.2575

416.3007,
440.2159, 443.3772

44.0856, 46.8811,
43.1996

104.6796,
111.0204, 106.7501

30.9360, 32.9416,
29.7092

133.1439,
141.1219, 137.0219

20.7017, 22.0817,
19.3678

166.3503,
176.2248, 172.5354

13.0173, 13.9170,
11.7568

204.6641,
216.7137, 213.7091

7.5176, 8.0629,
6.4578

248.4507,
262.9728, 260.9616

3.8370, 4.1352,
3.0521

298.0754,

1.6104, 1.7495,

315.3867, 314.7115

1.1213

353.9037,
374.3396, 375.3771

■ 0.3991, 0.4554,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5158, 64.2844,
60.2575

■ 60.5158, 64.2844,
60.2575

■ 57.2424, 61.3105,
48.1504

■ 64.1671, 67.4588,
74.1998

■ 54.3268, 58.5224,
37.7966

■ 68.2050, 70.8312,
90.0460

■ 51.7546, 55.9162,
29.1143

■ 72.1248, 74.2021,
105.1288

■ 49.5085, 53.4844,
22.0137

■ 73.2805, 76.5136,
105.5140

47.5696, 51.2193,
16.3961

74.4653, 78.8832,
105.9090

45.9170, 49.1120,
12.1522

75.6794, 81.3113,
106.3137

44.5268, 47.1526,
9.1573

76.9229, 83.7983,
106.7282

43.3706, 45.3295,
7.2638

78.1961, 86.3446,
107.1526

42.4017, 43.6236,
6.2256

79.4991, 88.9507,
107.5869

Harmonies

Analogous

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



62.3870, 64.2844, 60.7388



60.5158, 64.2844, 60.2575



58.8355, 64.2844, 62.2797

Triad

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



60.5158, 64.2844, 60.2575



58.3435, 64.2844, 76.7706



64.5492, 64.2844, 73.7180

Complementary

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



60.5158, 64.2844, 60.2575



54.5798, 56.7116, 71.6889

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.



63.4226, 64.2844, 78.3221



60.5158, 64.2844, 60.2575



59.8316, 64.2844, 80.1464

Square

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



60.5158, 64.2844, 60.2575



57.5984, 64.2844, 71.6879



61.6887, 64.2844, 80.7283



64.7415, 64.2844, 68.3286

Rectangle

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



60.5158, 64.2844, 60.2575



58.0404, 64.2844, 64.8395



61.6887, 64.2844, 80.7283



64.2661, 64.2844, 75.4164

Sweetspot

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



60.5176, 64.2872, 60.2589



93.3569, 98.5457, 102.3799



57.2172, 56.9578, 61.4052



19.8873, 21.0106, 21.5499



0.0000, 0.0000, 0.0000



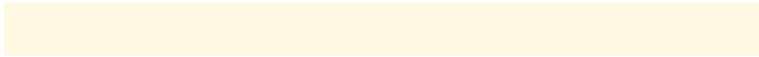
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5176, 64.2872, 60.2589



89.0963, 94.7995, 86.2391



59.7974, 65.3989, 60.5114



13.2523, 14.0788, 13.1797



25.6671, 26.4514, 3.7528



1.6029, 1.7050, 0.2446

Inverse Universe

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



54.5798, 56.7116, 71.6889



78.7257, 81.5686, 106.2028



55.2497, 55.7189, 71.4620



11.9415, 12.4065, 15.7028



7.9123, 4.0864, 38.8249



0.5365, 0.3650, 2.3615

Previews

White Background



This preview shows how the XYZ color 60.5158, 64.2844, 60.2575 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 60.5158, 64.2844, 60.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

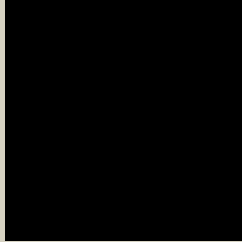
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

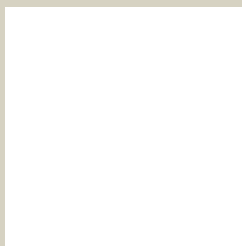
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5158, 64.2844, 60.2575

Background



This preview shows how black text looks on a background with the XYZ color 60.5158, 64.2844, 60.2575.



This preview shows how white text looks on a background with the XYZ color 60.5158, 64.2844,

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

60.5158, 64.2844, 60.2575

Protanopia

61.0414, 64.2029, 59.6272

Deuteranopia

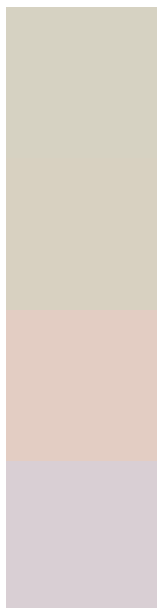
65.2318, 63.8434, 60.5147



Tritanopia

64.1696, 64.3220, 78.1405

Trichromacy



Original Color

60.5158, 64.2844, 60.2575

Protanomaly

60.7450, 64.0501, 59.6134

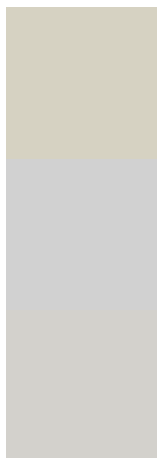
Deuteranomaly

63.3602, 63.9337, 60.6307

Tritanomaly

62.8118, 64.1308, 71.3553

Monochromacy



Original Color

60.5158, 64.2844, 60.2575

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5635, 63.8094, 66.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5158, 64.2844, 60.2575 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(214, 210, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 194)  
}
```

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(214, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.5158, 64.2844, 60.2575 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(214, 210, 194) }
```


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

```
.border{ border-color:rgb(214, 210, 194) }
```

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

Here you see how a box with a 4 pixel rgb(214, 210, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5158, 64.2844, 60.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 194) }
```

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

```
.background{ background-color: rgb(214,  
210, 194) }
```

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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