

Converting Colors

XYZ(60.8549, 64.2193, 58.5539)

Have a look what the booklet for
XYZ(60.8549, 64.2193, 58.5539)
contains.

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Color

**XYZ(60.8197, 64.1142,
58.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D1BF
RGB	217, 209, 191
RGB Percent	85%, 82%, 75%
CMY	0.1490, 0.1804, 0.2510
CMYK	0.00, 0.04, 0.12, 0.15
HSL	42°, 25%, 80%
HSV	42°, 12%, 85%
XYZ	60.8197, 64.1142, 58.4600
YIQ	209.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

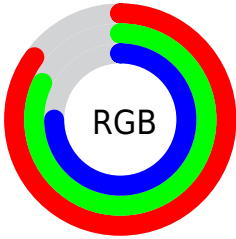
Format	Color
R_{YB}	203, 217, 191
Decimal	14275007
CIE Lab	84.03, -0.28, 9.90
CIE LCh	84, 9.908, 91.623
Yxy	64.1142, 0.3316, 0.3496
Android (android.graphics.Color)	4292465087 (0xFFD9D1BF)
YUV	209.3400, -9.0416, 6.7178
Hunter-Lab	80.0713, -4.5418, 12.7624

Details

The XYZ color **60.8197, 64.1142, 58.4600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4336, 56.9320, 73.7663**, and the grayscale version is **60.8802, 64.0507, 69.7512**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.2091, 32.9590, 28.7616** is the 20% darker color. If you saturate the color by 10%, you get **57.0038, 60.0247, 46.2662**, and if you desaturate by 10%, it is **65.0616, 68.4881, 72.5429**.

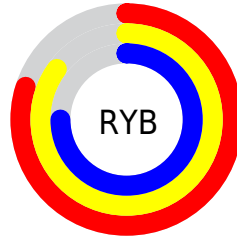
Distribution



Red (85%)

Green (82%)

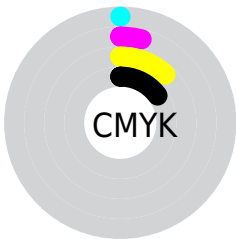
Blue (75%)



Red (80%)

Yellow (85%)

Blue (75%)

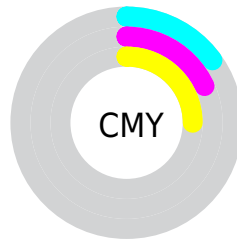


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8197, 64.1142, 58.4600 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 60.8197, 64.1142, 58.4600 by changing the saturation by 10% instead.

■ 60.8197, 64.1142,
58.4600

■ 60.8197, 64.1142,
58.4600

417.3991,
439.6019, 436.5438

■ 44.3317, 46.7432,
41.7614

■ 105.1174,
110.7754, 104.1138

■ 31.1304, 32.8327,
28.5904

133.6578,
140.8343, 133.9061

■ 20.8504, 21.9983,
18.5282

166.9464,
175.8914, 168.9001

■ 13.1266, 13.8556,
11.1565

205.3485,
216.3309, 209.5143

■ 7.5934, 8.0203,
6.0567

249.2294,
262.5374, 256.1672

■ 3.8855, 4.1080,
2.8103

298.9546,

■ 1.6375, 1.7341,

314.8951, 309.2774

0.9986

354.8894,
373.7885, 369.2635

■ 0.4167, 0.4456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8197, 64.1142,
58.4600

■ 60.8197, 64.1142,
58.4600

■ 57.0038, 60.0247,
46.2662

■ 65.0616, 68.4881,
72.5429

■ 53.5923, 56.2032,
35.8756

■ 69.7396, 73.1454,
88.5877

■ 50.5694, 52.6443,
27.2014

■ 74.6920, 78.0247,
105.7313

■ 47.9162, 49.3390,
20.1483

■ 76.5745, 81.7897,
106.3588

■ 45.6121, 46.2775,
14.6114

■ 78.5287, 85.6982,
107.0103

■ 43.6338, 43.4493,
10.4736

■ 80.5555, 89.7518,
107.6858

■ 41.9550, 40.8422,
7.6003

■ 82.4255, 93.4918,
108.3092

■ 40.5442, 38.4423,
5.8301

■ 39.5644, 36.6495,
4.9888

Harmonies

Analogous

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



62.9572, 64.1142, 59.7495



60.8197, 64.1142, 58.4600



58.7623, 64.1142, 60.0573

Triad

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



60.8197, 64.1142, 58.4600



57.4308, 64.1142, 76.3100



64.7102, 64.1142, 75.6853

Complementary

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



60.8197, 64.1142, 58.4600



54.4336, 56.9320, 73.7663

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.



63.1681, 64.1142, 80.5640



60.8197, 64.1142, 58.4600



58.9637, 64.1142, 80.9396

Square

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



60.8197, 64.1142, 58.4600



56.8349, 64.1142, 70.1508



61.0577, 64.1142, 82.5403



65.2353, 64.1142, 69.4692

Rectangle

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



60.8197, 64.1142, 58.4600



57.7041, 64.1142, 62.6030



61.0577, 64.1142, 82.5403



64.2918, 64.1142, 77.5487

Sweetspot

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



60.8214, 64.1170, 58.4614



92.4583, 97.3753, 100.1484



57.5828, 56.1486, 61.9787



19.6880, 20.7383, 21.0946



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.



60.8214, 64.1170, 58.4614



86.4227, 91.1043, 80.2550



61.4362, 67.4197, 59.0665



13.8068, 14.5529, 13.8069



24.0475, 22.3806, 3.0524



1.6329, 1.6000, 0.2228

Inverse Universe

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



54.4336, 56.9320, 73.7663



75.7283, 79.0757, 105.8796



53.8604, 53.9768, 73.2261



12.6637, 13.2671, 16.5455



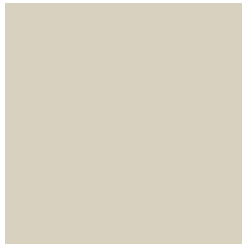
8.8696, 5.6087, 40.3535



0.6498, 0.5137, 2.6393

Previews

White Background



This preview shows how the XYZ color 60.8197, 64.1142, 58.4600 looks on a white background.

Color Contrast Check

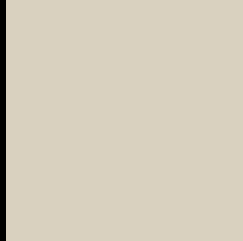
Large Text (above 18pt) WCAG AA × Fail

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 60.8197, 64.1142, 58.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

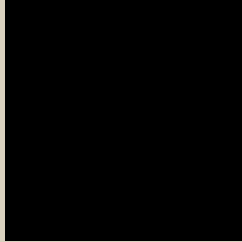
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

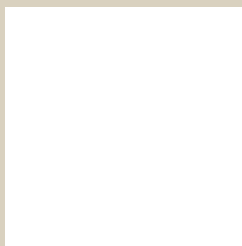
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8197, 64.1142, 58.4600

Background



This preview shows how black text looks on a background with the XYZ color 60.8197, 64.1142, 58.4600.



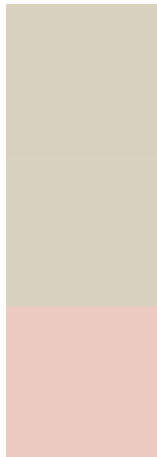
This preview shows how white text looks on a background with the XYZ color 60.8197, 64.1142,

58.4600.

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

60.8197, 64.1142, 58.4600

Protanopia

61.1179, 64.2679, 58.4739

Deuteranopia

65.2270, 63.8797, 58.7614



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

60.8197, 64.1142, 58.4600

Protanomaly

61.1179, 64.2679, 58.4739

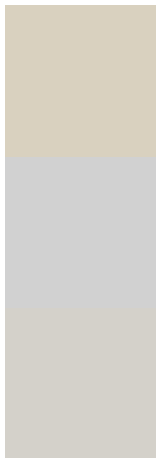
Deuteranomaly

63.6588, 64.1264, 58.8916

Tritanomaly

63.2194, 64.0114, 69.9962

Monochromacy



Original Color

60.8197, 64.1142, 58.4600

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6125, 63.8622, 65.0091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8197, 64.1142, 58.4600 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(217, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 191)  
}
```

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(217, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.8197, 64.1142, 58.4600 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(217, 209, 191) }
```


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

```
.border{ border-color:rgb(217, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8197, 64.1142, 58.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 191) }
```

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

```
.background{ background-color: rgb(217,  
209, 191) }
```

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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