

Converting Colors

XYZ(58.7435, 60.1178, 57.6481)

Have a look what the booklet for
XYZ(58.7435, 60.1178, 57.6481)
contains.

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Color

**XYZ(58.9059, 60.2866,
57.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C9BF
RGB	217, 201, 191
RGB Percent	85%, 79%, 75%
CMY	0.1490, 0.2117, 0.2510
CMYK	0.00, 0.07, 0.12, 0.15
HSL	23°, 25%, 80%
HSV	23°, 12%, 85%
XYZ	58.9059, 60.2866, 57.8220
YIQ	204.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

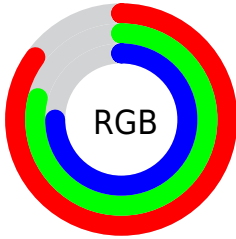
Format	Color
R _Y B	217, 207, 191
Decimal	14272959
CIE Lab	81.99, 3.91, 6.99
CIE LCh	82, 8.012, 60.807
Yxy	60.2866, 0.3328, 0.3406
Android (android.graphics.Color)	4292463039 (0xFFD9C9BF)
YUV	204.6440, -6.7265, 10.8362
Hunter-Lab	77.6444, -0.4566, 10.1977

Details

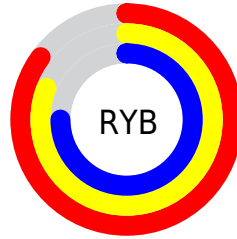
The XYZ color **58.9059, 60.2866, 57.8220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3229, 60.7106, 74.3961**, and the grayscale version is **57.8393, 60.8514, 66.2672**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **29.9215, 30.3838, 28.3324** is the 20% darker color. If you saturate the color by 10%, you get **53.7149, 53.4469, 45.1698**, and if you desaturate by 10%, it is **64.7247, 67.8143, 72.4305**.

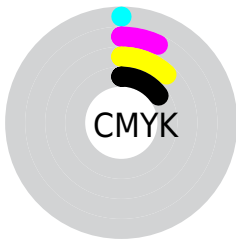
Distribution



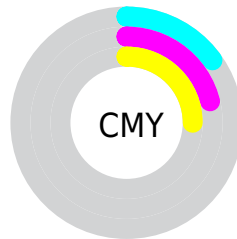
- Red (85%)
- Green (79%)
- Blue (75%)



- Red (85%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9059, 60.2866, 57.8220 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 58.9059, 60.2866, 57.8220 by changing the saturation by 10% instead.

■ 58.9059, 60.2866,
57.8220

■ 58.9059, 60.2866,
57.8220

410.4528,
425.6534, 434.1021

■ 42.7835, 43.6497,
41.2518

■ 102.3563,
105.2453, 103.1758

■ 29.9090, 30.3952,
28.1947

130.4150,
134.3359, 132.7965

■ 19.9173, 20.1387,
18.2322

163.1831,
168.3465, 167.6045

■ 12.4428, 12.4959,
10.9456

201.0260,
207.6615, 208.0183

■ 7.1204, 7.0824,
5.9166

244.3090,
252.6653, 254.4564

■ 3.5845, 3.5137,
2.7265

293.3976,

■ 1.4699, 1.4054,

303.7422, 307.3373

0.9567

348.6571,
361.2768, 367.0797

■ 0.3052, 0.2207,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9059, 60.2866,
57.8220

■ 58.9059, 60.2866,
57.8220

■ 53.7149, 53.4469,
45.1698

■ 64.7247, 67.8143,
72.4305

■ 49.1242, 47.2672,
34.3861

■ 71.1873, 76.0409,
89.0702

■ 45.1118, 41.7292,
25.3821

■ 78.1377, 84.9161,
106.8799

■ 41.6522, 36.8109,
18.0602

■ 82.2368, 93.1144,
108.2463

■ 38.7177, 32.4888,
12.3133

■ 82.4255, 93.4919,
108.3092

■ 36.2780, 28.7376,
8.0217

■ 34.2988, 25.5298,
5.0482

■ 32.7405, 22.8348,
3.2288

■ 31.7469, 21.0145,
2.3830

Harmonies

Analogous

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



60.1473, 60.2866, 60.9742



58.9059, 60.2866, 57.8220



57.2547, 60.2866, 56.7396

Triad

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



58.9059, 60.2866, 57.8220



54.1015, 60.2866, 65.7734



58.9869, 60.2866, 73.9943

Complementary

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



58.9059, 60.2866, 57.8220



56.3229, 60.7106, 74.3961

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.



57.3465, 60.2866, 75.4297



58.9059, 60.2866, 57.8220



54.5452, 60.2866, 70.5418

Square

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



58.9059, 60.2866, 57.8220



54.5008, 60.2866, 61.1912



55.7247, 60.2866, 74.1368



60.1947, 60.2866, 70.3032

Rectangle

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



58.9059, 60.2866, 57.8220



56.1501, 60.2866, 57.2932



55.7247, 60.2866, 74.1368



58.4667, 60.2866, 74.7645

Sweetspot

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



58.9076, 60.2893, 57.8233



91.4815, 95.4216, 99.8228



58.5134, 56.5208, 66.8792



19.4408, 20.2438, 21.0122



0.0000, 0.0000, 0.0000



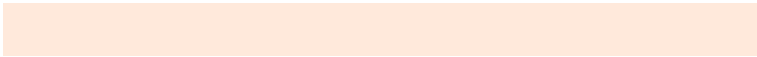
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9076, 60.2893, 57.8233



83.2149, 84.6887, 79.1857



62.0581, 66.5903, 58.8735



13.4647, 13.8688, 13.6929



19.3127, 12.9109, 1.4742



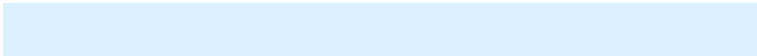
1.3331, 1.0002, 0.1228

Inverse Universe

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



56.3229, 60.7106, 74.3961



78.8872, 85.3935, 106.9325



53.3102, 54.6854, 73.3919



13.0023, 13.9443, 16.6584



12.8061, 13.4816, 41.6657



0.9121, 1.0384, 2.7268

Previews

White Background



This preview shows how the XYZ color 58.9059, 60.2866, 57.8220 looks on a white background.

Color Contrast Check

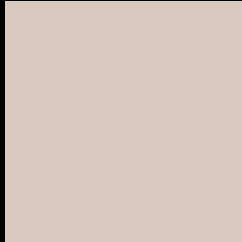
Large Text (above 18pt) WCAG AA × Fail

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 58.9059, 60.2866, 57.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

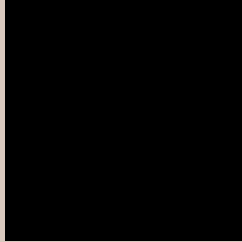
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9059, 60.2866, 57.8220

Background



This preview shows how black text looks on a background with the XYZ color 58.9059, 60.2866, 57.8220.



This preview shows how white text looks on a background with the XYZ color 58.9059, 60.2866,

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

58.9059, 60.2866, 57.8220

Protanopia

57.4487, 60.2193, 58.4648

Deuteranopia

61.4756, 60.2323, 58.2550



Tritanopia

61.7195, 60.4079, 71.3577

Trichromacy



Original Color

58.9059, 60.2866, 57.8220

Protanomaly

58.0755, 60.1930, 58.4267

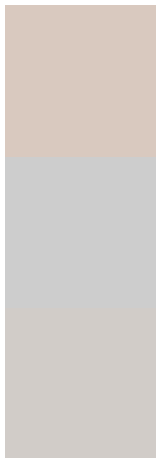
Deuteranomaly

60.4490, 60.0412, 58.2723

Tritanomaly

60.6563, 60.3147, 66.2026

Monochromacy



Original Color

58.9059, 60.2866, 57.8220

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3127, 60.9112, 63.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9059, 60.2866, 57.8220 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, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.9059, 60.2866, 57.8220 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, 201, 191) }
```


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

```
.border{ border-color:rgb(217, 201, 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, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9059, 60.2866, 57.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 191) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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