

Converting Colors

XYZ(58.2058, 61.3933, 62.3811)

Have a look what the booklet for
XYZ(58.2058, 61.3933, 62.3811)
contains.

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Color

**XYZ(58.0368, 61.1498,
62.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CDC6
RGB	208, 205, 198
RGB Percent	82%, 80%, 78%
CMY	0.1843, 0.1961, 0.2235
CMYK	0.00, 0.01, 0.05, 0.18
HSL	42°, 10%, 80%
HSV	42°, 5%, 82%
XYZ	58.0368, 61.1498, 62.1703
YIQ	205.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

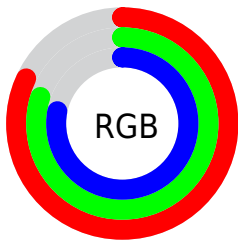
Format	Color
R _Y B	202, 208, 198
Decimal	13684166
CIE Lab	82.46, -0.21, 3.84
CIE LCh	82, 3.841, 93.062
Yxy	61.1498, 0.3200, 0.3372
Android (android.graphics.Color)	4291874246 (0xFFD0CDC6)
YUV	205.0990, -3.4998, 2.5442
Hunter-Lab	78.1983, -4.3690, 7.6013

Details

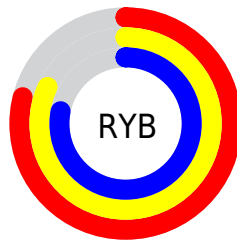
The XYZ color **58.0368, 61.1498, 62.1703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5604, 58.3322, 68.0061**, and the grayscale version is **58.1126, 61.1389, 66.5803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4271, 31.0169, 30.8214** is the 20% darker color. If you saturate the color by 10%, you get **54.3399, 57.3350, 49.9030**, and if you desaturate by 10%, it is **62.1260, 65.2205, 76.1954**.

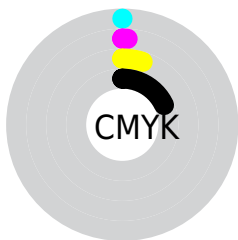
Distribution



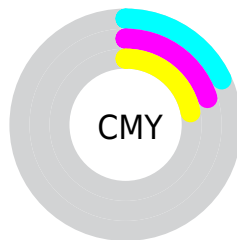
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (79%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0368, 61.1498, 62.1703 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 58.0368, 61.1498, 62.1703 by changing the saturation by 10% instead.

■ 58.0368, 61.1498,
62.1703

■ 58.0368, 61.1498,
62.1703

407.2747,
428.8230, 450.5768

■ 42.0816, 44.3461,
44.7336

101.0991,
106.4958, 109.5456

■ 29.3566, 30.9427,
30.9063

128.9369,
135.8069, 140.3213

■ 19.4964, 20.5552,
20.2696

161.4663,
170.0558, 176.3805

■ 12.1356, 12.7993,
12.4052

199.0527,
209.6271, 218.1416

■ 6.9090, 7.2905,
6.8944

242.0614,
254.9051, 266.0233

■ 3.4511, 3.6444,
3.3187

290.8577,

■ 1.3965, 1.4767,

306.2741, 320.4440

1.2596

345.8070,
364.1186, 381.8223

■ 0.2538, 0.2722,
0.0283

■ 0.0000, 0.0000,
0.0000

■ 58.0368, 61.1498,
62.1703

■ 58.0368, 61.1498,
62.1703

■ 54.3399, 57.3350,
49.9030

■ 62.1260, 65.2205,
76.1954

■ 51.0163, 53.7615,
39.3191

■ 66.6157, 69.5454,
92.0408

■ 48.0526, 50.4247,
30.3445

■ 70.6380, 73.7806,
105.1258

■ 45.4328, 47.3172,
22.8983

■ 72.3408, 77.1861,
105.6934

■ 43.1395, 44.4308,
16.8922

■ 74.1055, 80.7157,
106.2816

■ 41.1535, 41.7567,
12.2291

■ 75.9329, 84.3705,
106.8908

■ 39.4534, 39.2852,
8.7997

■ 77.8236, 88.1517,
107.5210

■ 38.0144, 37.0050,
6.4773

■ 79.7781, 92.0607,
108.1725

■ 36.8066, 34.9029,
5.1076

■ 79.8227, 92.1501,
108.1874

Harmonies

Analogous

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



58.8388, 61.1498, 62.6337



58.0368, 61.1498, 62.1703



57.2645, 61.1498, 62.8658

Triad

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



58.0368, 61.1498, 62.1703



56.8086, 61.1498, 69.0777



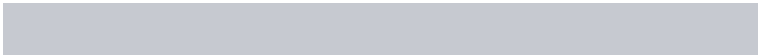
59.5392, 61.1498, 68.6500

Complementary

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



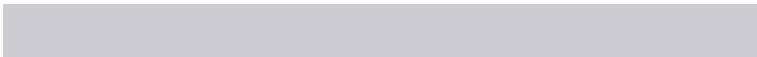
58.0368, 61.1498, 62.1703



55.5604, 58.3322, 68.0061

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.



58.9861, 61.1498, 70.4413



58.0368, 61.1498, 62.1703



57.4091, 61.1498, 70.6923

Square

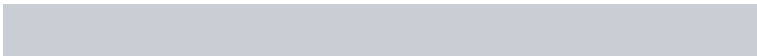
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0368, 61.1498, 62.1703



56.5596, 61.1498, 66.8234



58.2054, 61.1498, 71.1971



59.7110, 61.1498, 66.3406

Rectangle

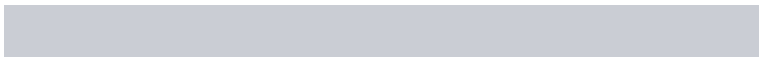
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.0368, 61.1498, 62.1703



56.8689, 61.1498, 63.9028



58.2054, 61.1498, 71.1971



59.3914, 61.1498, 69.3346

Sweetspot

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



58.0385, 61.1525, 62.1716



94.3989, 99.3504, 106.6710



56.7499, 58.0160, 63.4664



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



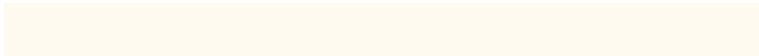
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0385, 61.1525, 62.1716



91.2387, 96.1635, 95.9572



58.2033, 62.3116, 62.3867



12.7280, 13.4166, 13.2848



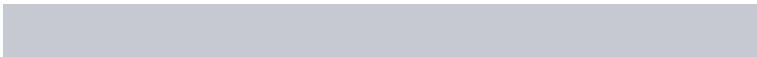
22.6763, 21.2855, 2.9134



1.3355, 1.3254, 0.1854

Inverse Universe

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



55.5604, 58.3322, 68.0061



86.3196, 90.5652, 107.5390



55.3995, 57.2225, 67.8004



11.9833, 12.5691, 15.0381



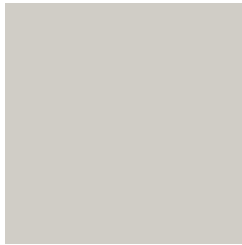
8.2547, 5.1560, 37.7526



0.5310, 0.4271, 2.1340

Previews

White Background



This preview shows how the XYZ color 58.0368, 61.1498, 62.1703 looks on a white background.

Color Contrast Check

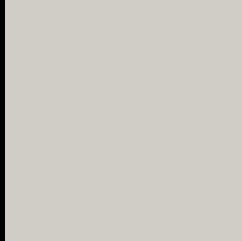
Large Text (above 18pt) WCAG AA × Fail

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 58.0368, 61.1498, 62.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

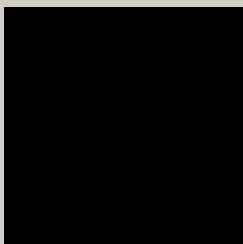
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

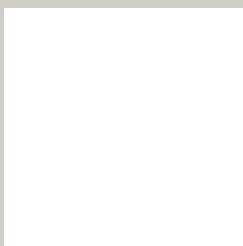
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0368, 61.1498, 62.1703

Background



This preview shows how black text looks on a background with the XYZ color 58.0368, 61.1498, 62.1703.

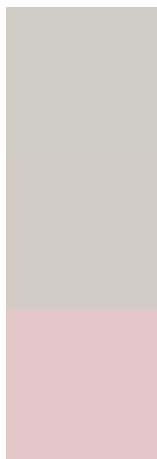


This preview shows how white text looks on a background with the XYZ color 58.0368, 61.1498,

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

58.0368, 61.1498, 62.1703

Protanopia

58.6499, 61.1118, 62.1307

Deuteranopia

62.1814, 60.8426, 62.4993



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

58.0368, 61.1498, 62.1703

Protanomaly

58.3643, 60.9646, 62.1173

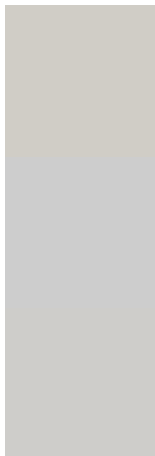
Deuteranomaly

60.7106, 61.1125, 62.6289

Tritanomaly

59.6921, 61.1167, 70.2786

Monochromacy



Original Color

58.0368, 61.1498, 62.1703

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9456, 61.0487, 64.6066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0368, 61.1498, 62.1703 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(208, 205, 198) looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 198)  
}
```

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(208, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.0368, 61.1498, 62.1703 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(208, 205, 198) }
```


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

```
.border{ border-color:rgb(208, 205, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 198);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0368, 61.1498, 62.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 198) }
```

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

```
.background{ background-color: rgb(208,  
205, 198) }
```

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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