

Converting Colors

XYZ(58.5313, 61.0637, 61.5375)

Have a look what the booklet for
XYZ(58.5313, 61.0637, 61.5375)
contains.

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Color

**XYZ(58.5349, 61.0658,
61.5251)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D3CCC5 |
| RGB | 211, 204, 197 |
| RGB Percent | 83%, 80%, 77% |
| CMY | 0.1725, 0.2000, 0.2274 |
| CMYK | 0.00, 0.03, 0.07, 0.17 |
| HSL | 30°, 14%, 80% |
| HSV | 30°, 7%, 83% |
| XYZ | 58.5349, 61.0658, 61.5251 |
| YIQ | 205.2950, 6.4190, -0.6930 |

Conversions

Conversions Part 2

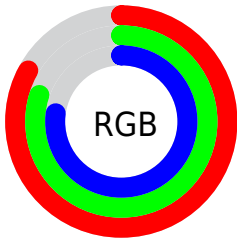
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 211, 197 |
| Decimal | 13880517 |
| CIE Lab | 82.41, 1.20, 4.33 |
| CIE LCh | 82, 4.496, 74.530 |
| Yxy | 61.0658, 0.3232, 0.3371 |
| Android (android.graphics.Color) | 4292070597 (0xFFD3CCC5) |
| YUV | 205.2950, -4.0894, 5.0033 |
| Hunter-Lab | 78.1446, -3.0461, 8.0208 |

Details

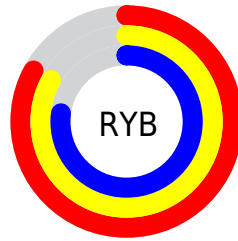
The XYZ color **58.5349, 61.0658, 61.5251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3767, 59.7584, 70.1920**, and the grayscale version is **58.2399, 61.2729, 66.7262**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.5746, 30.8638, 30.3852** is the 20% darker color. If you saturate the color by 10%, you get **53.8629, 55.3236, 48.8628**, and if you desaturate by 10%, it is **63.7184, 67.2882, 76.0290**.

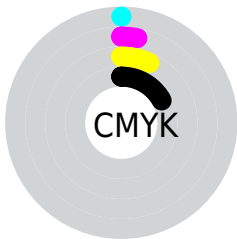
Distribution



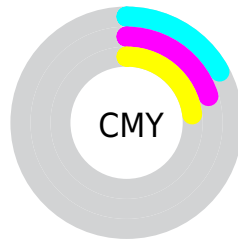
- Red (83%)
- Green (80%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5349, 61.0658, 61.5251 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 58.5349, 61.0658, 61.5251 by changing the saturation by 10% instead.

■ 58.5349, 61.0658,
61.5251

■ 58.5349, 61.0658,
61.5251

409.0980,
428.5152, 448.1564

■ 42.4838, 44.2783,
44.2158

101.8199,
106.3742, 108.6038

■ 29.6730, 30.8893,
30.5017

129.7844,
135.6639, 139.2103

■ 19.7374, 20.5146,
19.9645

162.4508,
169.8897, 175.0862

■ 12.3114, 12.7697,
12.1854

200.1844,
209.4361, 216.6501

■ 7.0299, 7.2701,
6.7460

243.3506,
254.6875, 264.3205

■ 3.5273, 3.6316,
3.2277

292.3147,

■ 1.4383, 1.4697,

306.0282, 318.5160

1.2121

347.4420,
363.8426, 379.6552

■ 0.2833, 0.2673,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5349, 61.0658,
61.5251

■ 58.5349, 61.0658,
61.5251

■ 53.8629, 55.3236,
48.8628

■ 63.7184, 67.2882,
76.0290

■ 49.6802, 50.0412,
37.9634

■ 69.4248, 73.9944,
92.4410

■ 45.9698, 45.2085,
28.7484

■ 74.8059, 80.8522,
106.2711

■ 42.7123, 40.8119,
21.1316

■ 77.9259, 87.0923,
107.3111

■ 39.8864, 36.8371,
15.0192

■ 80.6743, 92.5891,
108.2272

■ 37.4687, 33.2687,
10.3076

■ 35.4334, 30.0899,
6.8795

■ 33.7506, 27.2823,
4.5984

■ 32.3829, 24.8240,
3.2886

Harmonies

Analogous

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



59.3669, 61.0658, 62.8520



58.5349, 61.0658, 61.5251



57.5794, 61.0658, 61.5038

Triad

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



58.5349, 61.0658, 61.5251



56.2729, 61.0658, 67.8252



59.3451, 61.0658, 70.3300

Complementary

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



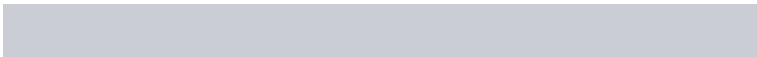
58.5349, 61.0658, 61.5251



56.3767, 59.7584, 70.1920

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.



58.5055, 61.0658, 71.7393



58.5349, 61.0658, 61.5251



56.7354, 61.0658, 70.2663

Square

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



58.5349, 61.0658, 61.5251



56.2806, 61.0658, 65.0903



57.5503, 61.0658, 71.7156



59.8382, 61.0658, 67.9102

Rectangle

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



58.5349, 61.0658, 61.5251



57.0013, 61.0658, 62.2301



57.5503, 61.0658, 71.7156



59.0937, 61.0658, 70.9405

Sweetspot

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



58.5366, 61.0685, 61.5264



93.4319, 98.0605, 104.3635



57.7302, 58.1420, 65.3074



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



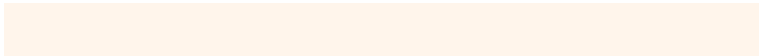
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5366, 61.0685, 61.5264



88.7712, 92.4221, 91.4551



60.2371, 64.4695, 62.0933



12.2903, 12.7714, 12.4294



19.3978, 14.7285, 1.8205



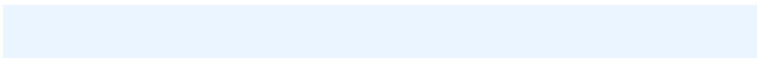
1.1640, 0.9822, 0.1282

Inverse Universe

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



56.3767, 59.7584, 70.1920



84.7694, 89.9948, 107.5107



54.7510, 56.5069, 69.6501



11.6448, 12.3798, 15.0195



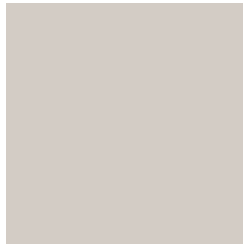
10.2745, 9.1956, 38.4259



0.6538, 0.6729, 2.1750

Previews

White Background



This preview shows how the XYZ color 58.5349, 61.0658, 61.5251 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 58.5349, 61.0658, 61.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

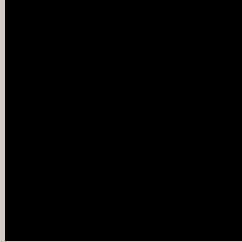
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5349, 61.0658, 61.5251

Background



This preview shows how black text looks on a background with the XYZ color 58.5349, 61.0658, 61.5251.

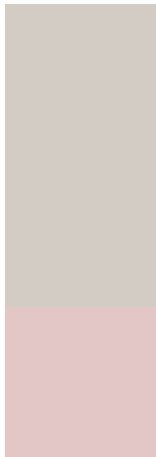


This preview shows how white text looks on a background with the XYZ color 58.5349, 61.0658,

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

58.5349, 61.0658, 61.5251

Protanopia

58.5349, 61.0658, 61.5251

Deuteranopia

62.0657, 60.7963, 61.8897



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

58.5349, 61.0658, 61.5251

Protanomaly

58.5349, 61.0658, 61.5251

Deuteranomaly

60.6661, 60.7579, 61.9561

Tritanomaly

60.1940, 61.0403, 69.5822

Monochromacy



Original Color

58.5349, 61.0658, 61.5251

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2241, 61.1923, 64.6197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5349, 61.0658, 61.5251 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(211, 204, 197) looks like.

```
.text, #text, p{  
    color:rgb(211, 204, 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(211, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 204, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.5349, 61.0658, 61.5251 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(211, 204, 197) }
```


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

```
.border{ border-color:rgb(211, 204, 197) }
```

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

Here you see how a box with a 4 pixel rgb(211, 204, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 204,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5349, 61.0658, 61.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 204, 197) }
```

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

```
.background{ background-color: rgb(211,  
204, 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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