

Converting Colors

XYZ(57.9800, 60.0590, 61.6167)

Have a look what the booklet for
XYZ(57.9800, 60.0590, 61.6167)
contains.

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Color

**XYZ(58.0625, 60.1212,
61.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CAC5
RGB	211, 202, 197
RGB Percent	83%, 79%, 77%
CMY	0.1725, 0.2078, 0.2274
CMYK	0.00, 0.04, 0.07, 0.17
HSL	21°, 14%, 80%
HSV	21°, 7%, 83%
XYZ	58.0625, 60.1212, 61.3676
YIQ	204.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

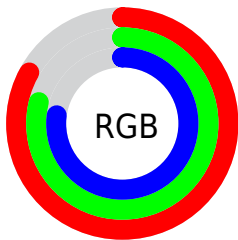
Format	Color
R _Y B	211, 205, 197
Decimal	13880005
CIE Lab	81.90, 2.25, 3.60
CIE LCh	82, 4.241, 57.954
Yxy	60.1212, 0.3234, 0.3348
Android (android.graphics.Color)	4292070085 (0xFFD3CAC5)
YUV	204.1210, -3.5107, 6.0329
Hunter-Lab	77.5379, -2.0255, 7.3512

Details

The XYZ color **58.0625, 60.1212, 61.3676** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8549, 60.7148, 70.3511**, and the grayscale version is **57.4908, 60.4848, 65.8680**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.2581, 30.2309, 30.2797** is the 20% darker color. If you saturate the color by 10%, you get **52.7698, 53.1375, 48.4984**, and if you desaturate by 10%, it is **63.9765, 67.8046, 76.1150**.

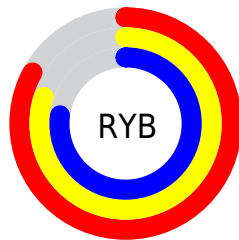
Distribution



Red (83%)

Green (79%)

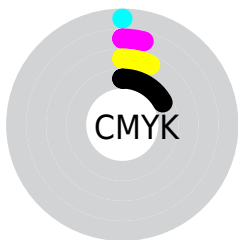
Blue (77%)



Red (83%)

Yellow (80%)

Blue (77%)

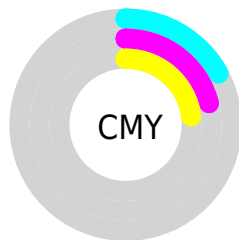


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0625, 60.1212, 61.3676 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 58.0625, 60.1212, 61.3676 by changing the saturation by 10% instead.

■ 58.0625, 60.1212,
61.3676

■ 58.0625, 60.1212,
61.3676

407.3689,
425.0444, 447.5644

■ 42.1024, 43.5163,
44.0894

101.1363,
105.0055, 108.3737

■ 29.3729, 30.2904,
30.4031

128.9807,
134.0536, 138.9387

■ 19.5088, 20.0592,
19.8901

161.5172,
168.0184, 174.7698

■ 12.1447, 12.4380,
12.1319

199.1111,
207.2841, 216.2854

■ 6.9152, 7.0427,
6.7099

242.1279,
252.2352, 263.9041

■ 3.4550, 3.4888,
3.2057

290.9329,

■ 1.3987, 1.3920,

303.2560, 318.0445

1.2006

345.8915,
360.7309, 379.1251

■ 0.2553, 0.2108,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0625, 60.1212,
61.3676

■ 58.0625, 60.1212,
61.3676

■ 52.7698, 53.1375,
48.4984

■ 63.9765, 67.8046,
76.1150

■ 48.0723, 46.8256,
37.4275

■ 70.5270, 76.1989,
92.8082

■ 43.9492, 41.1674,
28.0748

■ 76.8690, 84.9787,
106.9588

■ 40.3767, 36.1408,
20.3531

■ 80.6742, 92.5890,
108.2272

■ 37.3290, 31.7226,
14.1668

■ 34.7781, 27.8876,
9.4108

■ 32.6929, 24.6092,
5.9661

■ 31.0381, 21.8576,
3.6943

■ 29.7704, 19.5992,
2.4179

Harmonies

Analogous

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



58.6789, 60.1212, 63.1758



58.0625, 60.1212, 61.3676



57.2049, 60.1212, 60.6532

Triad

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



58.0625, 60.1212, 61.3676



55.4387, 60.1212, 65.2858



57.9549, 60.1212, 69.9180

Complementary

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



58.0625, 60.1212, 61.3676



56.8549, 60.7148, 70.3511

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.



57.0819, 60.1212, 70.5180



58.0625, 60.1212, 61.3676



55.6349, 60.1212, 67.8022

Square

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



58.0625, 60.1212, 61.3676



55.6954, 60.1212, 62.8783



56.2340, 60.1212, 69.7341



58.6163, 60.1212, 68.1151

Rectangle

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



58.0625, 60.1212, 61.3676



56.6139, 60.1212, 60.8788



56.2340, 60.1212, 69.7341



57.6762, 60.1212, 70.2691

Sweetspot

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



58.0642, 60.1238, 61.3689



93.2031, 97.6028, 104.2872



57.9836, 58.2433, 66.6429



19.9687, 20.9162, 22.3701



0.0000, 0.0000, 0.0000



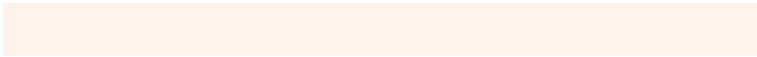
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0642, 60.1238, 61.3689



87.8976, 90.6749, 91.1639



59.7186, 63.4326, 61.9204



12.1496, 12.4899, 12.3825



17.8365, 11.6059, 1.3001



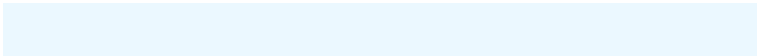
1.0715, 0.7973, 0.0974

Inverse Universe

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



56.8549, 60.7148, 70.3511



85.6568, 91.7697, 107.8065



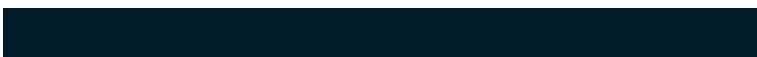
55.2310, 57.4672, 69.8099



11.7881, 12.6665, 15.0672



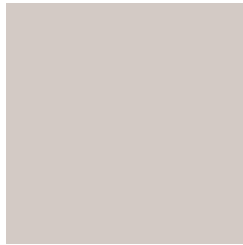
12.4736, 13.5938, 39.1589



0.7710, 0.9071, 2.2140

Previews

White Background



This preview shows how the XYZ color 58.0625, 60.1212, 61.3676 looks on a white background.

Color Contrast Check

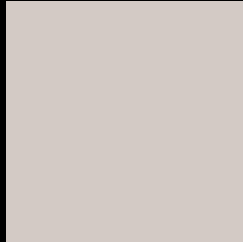
Large Text (above 18pt) WCAG AA × Fail

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 58.0625, 60.1212, 61.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

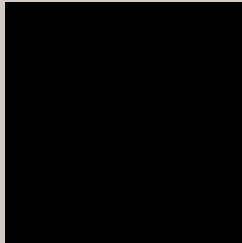
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0625, 60.1212, 61.3676

Background



This preview shows how black text looks on a background with the XYZ color 58.0625, 60.1212, 61.3676.

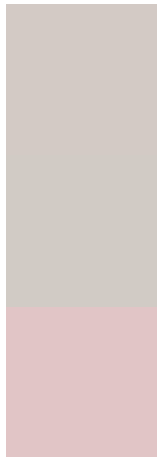


This preview shows how white text looks on a background with the XYZ color 58.0625, 60.1212, 61.3676.

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

58.0625, 60.1212, 61.3676

Protanopia

57.7285, 60.2984, 61.4195

Deuteranopia

61.2106, 60.0173, 61.7844



Tritanopia

60.4207, 60.0493, 72.6961

Trichromacy



Original Color

58.0625, 60.1212, 61.3676

Protanomaly

58.0123, 60.4447, 61.4327

Deuteranomaly

60.1317, 60.1397, 61.8649

Tritanomaly

59.4800, 60.0088, 68.1224

Monochromacy



Original Color

58.0625, 60.1212, 61.3676

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6307, 60.1943, 63.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0625, 60.1212, 61.3676 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, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 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, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.0625, 60.1212, 61.3676 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, 202, 197) }
```


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

```
.border{ border-color:rgb(211, 202, 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, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0625, 60.1212, 61.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 197) }
```

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

```
.background{ background-color: rgb(211,  
202, 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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