

Converting Colors

XYZ(57.7156, 58.3811, 58.5711)

Have a look what the booklet for
XYZ(57.7156, 58.3811, 58.5711)
contains.

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Color

**XYZ(57.6162, 58.2298,
58.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C5C1
RGB	215, 197, 193
RGB Percent	84%, 77%, 76%
CMY	0.1569, 0.2274, 0.2431
CMYK	0.00, 0.08, 0.10, 0.16
HSL	11°, 22%, 80%
HSV	11°, 10%, 84%
XYZ	57.6162, 58.2298, 58.6549
YIQ	201.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

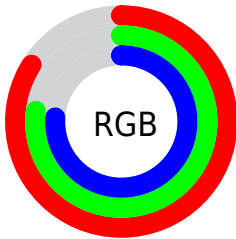
Format	Color
R _Y B	215, 198, 193
Decimal	14140865
CIE Lab	80.87, 5.63, 4.28
CIE LCh	81, 7.073, 37.208
Yxy	58.2298, 0.3302, 0.3337
Android (android.graphics.Color)	4292330945 (0xFFD7C5C1)
YUV	201.9260, -4.4005, 11.4659
Hunter-Lab	76.3085, 1.2355, 7.8423

Details

The XYZ color **57.6162, 58.2298, 58.6549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5521, 62.8312, 73.3849**, and the grayscale version is **56.1155, 59.0379, 64.2923**.

A 20% lighter version of the original color is **93.7807, 98.9832, 103.7854**, and **29.0533, 29.0120, 28.8795** is the 20% darker color. If you saturate the color by 10%, you get **51.6271, 49.8146, 45.6733**, and if you desaturate by 10%, it is **64.4232, 67.7215, 73.6308**.

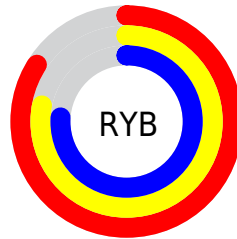
Distribution



Red (84%)

Green (77%)

Blue (76%)



Red (84%)

Yellow (78%)

Blue (76%)

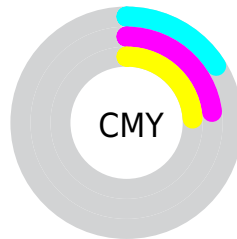


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6162, 58.2298, 58.6549 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 57.6162, 58.2298, 58.6549 by changing the saturation by 10% instead.

■ 57.6162, 58.2298,
58.6549

■ 57.6162, 58.2298,
58.6549

405.7312,
418.0417, 437.2880

■ 41.7422, 41.9934,
41.9172

■ 100.4899,
102.2574, 104.4001

■ 29.0897, 29.0961,
28.7114

128.2204,
130.8175, 134.2447

■ 19.2933, 19.1536,
18.6189

160.6338,
164.2542, 169.2953

■ 11.9877, 11.7813,
11.2212

198.0954,
202.9520, 209.9706

■ 6.8074, 6.5949,
6.0998

240.9706,
247.2952, 256.6889

■ 3.3872, 3.2101,
2.8361

289.6247,

■ 1.3617, 1.2424,

297.6683, 309.8689

1.0116

344.4231,
354.4557, 369.9291

■ 0.2287, 0.0959,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6162, 58.2298,
58.6549

■ 57.6162, 58.2298,
58.6549

■ 51.6271, 49.8146,
45.6733

■ 64.4232, 67.7215,
73.6308

■ 46.4202, 42.4302,
34.5980

■ 72.0724, 78.3179,
90.6764

■ 41.9641, 36.0392,
25.3400

■ 80.1879, 89.8938,
107.7326

■ 38.2235, 30.5988,
17.8018

■ 81.8346, 93.1872,
108.2815

■ 35.1602, 26.0630,
11.8766

■ 32.7324, 22.3821,
7.4456

■ 30.8932, 19.5014,
4.3737

■ 29.5890, 17.3595,
2.5007

■ 28.7543, 15.9066,
1.5548

Harmonies

Analogous

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



58.1833, 58.2298, 62.3970



57.6162, 58.2298, 58.6549



56.4425, 58.2298, 56.2622

Triad

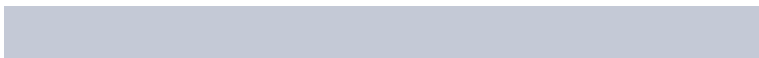
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6162, 58.2298, 58.6549



52.7929, 58.2298, 60.3327



55.6993, 58.2298, 71.7345

Complementary

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



57.6162, 58.2298, 58.6549



57.5521, 62.8312, 73.3849

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.



54.2632, 58.2298, 71.1224



57.6162, 58.2298, 58.6549



52.6018, 58.2298, 64.4184

Square

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



57.6162, 58.2298, 58.6549



53.6622, 58.2298, 57.2007



53.1356, 58.2298, 68.3993



57.0640, 58.2298, 70.0368

Rectangle

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



57.6162, 58.2298, 58.6549



55.4828, 58.2298, 55.6921



53.1356, 58.2298, 68.3993



55.2088, 58.2298, 71.7933

Sweetspot

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



57.6178, 58.2324, 58.6561



91.8786, 95.5891, 101.8872



58.8947, 57.3077, 69.8054



19.4885, 20.2131, 21.4169



0.0000, 0.0000, 0.0000



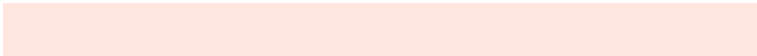
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6178, 58.2324, 58.6561



83.0370, 83.2398, 82.4961



60.1254, 63.2474, 59.4920



12.6042, 12.7827, 12.9637



17.2543, 9.6259, 0.9486



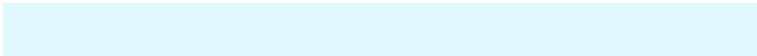
1.0966, 0.6924, 0.0759

Inverse Universe

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



57.5521, 62.8312, 73.3849



82.9237, 91.1495, 107.8308



54.9904, 57.7077, 72.5310



12.5911, 13.7056, 15.9193



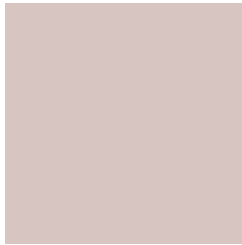
16.6790, 21.6199, 41.7471



1.0572, 1.4064, 2.5350

Previews

White Background



This preview shows how the XYZ color 57.6162, 58.2298, 58.6549 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 57.6162, 58.2298, 58.6549 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 57.6162, 58.2298, 58.6549

Background



This preview shows how black text looks on a background with the XYZ color 57.6162, 58.2298, 58.6549.



This preview shows how white text looks on a background with the XYZ color 57.6162, 58.2298,

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

57.6162, 58.2298, 58.6549

Protanopia

55.9582, 58.3705, 59.9471

Deuteranopia

59.4608, 58.1666, 59.1323



Tritanopia

59.5399, 57.9884, 69.0276

Trichromacy



Original Color

57.6162, 58.2298, 58.6549

Protanomaly

56.4555, 58.2972, 59.3159

Deuteranomaly

58.7679, 58.1409, 59.1638

Tritanomaly

58.7331, 57.9888, 65.2241

Monochromacy



Original Color

57.6162, 58.2298, 58.6549

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6952, 58.6975, 62.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6162, 58.2298, 58.6549 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(215, 197, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 193)  
}
```

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(215, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.6162, 58.2298, 58.6549 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(215, 197, 193) }
```


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

```
.border{ border-color:rgb(215, 197, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 197, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6162, 58.2298, 58.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 193) }
```

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

```
.background{ background-color: rgb(215,  
197, 193) }
```

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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