

# Converting Colors

XYZ(57.5511, 58.0136, 58.4218)

Have a look what the booklet for  
XYZ(57.5511, 58.0136, 58.4218)  
contains.

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# Color

**XYZ(57.3899, 57.7772,  
58.5794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C4C1
RGB	215, 196, 193
RGB Percent	84%, 77%, 76%
CMY	0.1569, 0.2314, 0.2431
CMYK	0.00, 0.09, 0.10, 0.16
HSL	8°, 22%, 80%
HSV	8°, 10%, 84%
XYZ	57.3899, 57.7772, 58.5794
YIQ	201.3390, 12.2870, 3.0950

# Conversions

## Conversions Part 2

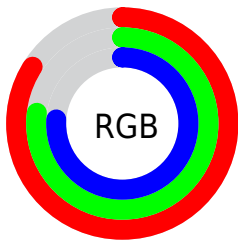
Format	Color
R <sub>Y</sub> B	215, 196, 193
Decimal	14140609
CIE Lab	80.61, 6.16, 3.91
CIE LCh	81, 7.300, 32.413
Yxy	57.7772, 0.3303, 0.3325
Android (android.graphics.Color)	4292330689 (0xFFD7C4C1)
YUV	201.3390, -4.1111, 11.9807
Hunter-Lab	76.0113, 1.7509, 7.5151

# Details

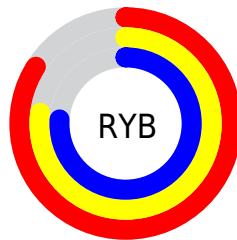
The XYZ color **57.3899, 57.7772, 58.5794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8013, 63.3295, 73.4680**, and the grayscale version is **55.7484, 58.6516, 63.8716**.

A 20% lighter version of the original color is **93.4642, 98.3501, 103.6799**, and **28.9038, 28.7130, 28.8297** is the 20% darker color. If you saturate the color by 10%, you get **51.2325, 49.0253, 45.5417**, and if you desaturate by 10%, it is **64.4174, 67.7099, 73.6288**.

# Distribution



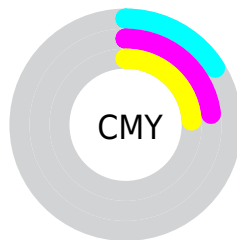
- Red (84%)
- Green (77%)
- Blue (76%)



- Red (84%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (16%)




- Cyan (16%)
- Magenta (23%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3899, 57.7772, 58.5794 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 57.3899, 57.7772, 58.5794 by changing the saturation by 10% instead.




 57.3899, 57.7772,  
58.5794

 57.3899, 57.7772,  
58.5794


404.8993,  
416.3552, 436.9999

 41.5597, 41.6296,  
41.8568


 100.1620,  
101.5983, 104.2892

 28.9463, 28.8113,  
28.6645


127.8345,  
130.0406, 134.1136

 19.1843, 18.9381,  
18.5838


160.1853,  
163.3499, 169.1423

 11.9083, 11.6256,  
11.1961

197.5796,  
201.9106, 209.7938

 6.7530, 6.4893,  
6.0831

240.3828,  
246.1071, 256.4869

 3.3531, 3.1448,  
2.8261

288.9603,

 1.3431, 1.2078,

296.3237, 309.6398

1.0065

343.6773,  
352.9450, 369.6713

■ 0.2151, 0.0681,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.3899, 57.7772,  
58.5794

■ 57.3899, 57.7772,  
58.5794

■ 51.2325, 49.0253,  
45.5417

■ 64.4174, 67.7099,  
73.6288

■ 45.9066, 41.4030,  
34.4267

■ 72.3420, 78.8572,  
90.7662

■ 41.3777, 34.8664,  
25.1445

■ 80.7904, 91.0988,  
107.9335

■ 37.6071, 29.3659,  
17.5963

■ 81.8346, 93.1872,  
108.2815

■ 34.5528, 24.8480,  
11.6741

■ 32.1686, 21.2545,  
7.2577

■ 30.4029, 18.5208,  
4.2102

■ 29.1962, 16.5738,  
2.3697

■ 28.4728, 15.3435,  
1.4609

# Harmonies

## Analogous

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



57.8518, 57.7772, 62.5620



57.3899, 57.7772, 58.5794



56.2639, 57.7772, 55.8598

# Triad

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



57.3899, 57.7772, 58.5794



52.3953, 57.7772, 59.1563



55.0372, 57.7772, 71.5406

# Complementary

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



57.3899, 57.7772, 58.5794



57.8013, 63.3295, 73.4680

# 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.



53.5889, 57.7772, 70.5288



57.3899, 57.7772, 58.5794



52.0802, 57.7772, 63.2584

# Square

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



57.3899, 57.7772, 58.5794



53.3820, 57.7772, 56.1820



52.5133, 57.7772, 67.4480



56.4781, 57.7772, 70.1537



# Rectangle

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



57.3899, 57.7772, 58.5794



55.2977, 57.7772, 55.0618



52.5133, 57.7772, 67.4480



54.5350, 57.7772, 71.4697

# Sweetspot

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



57.3915, 57.7797, 58.5806



91.7714, 95.3747, 101.8514



58.9871, 57.3446, 70.2918



19.4597, 20.1554, 21.4073



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

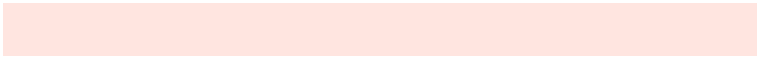


# Same Dimension

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



57.3915, 57.7797, 58.5806



82.6516, 82.4690, 82.3677



59.9473, 62.8914, 59.4326



12.5586, 12.6915, 12.9485



17.0749, 9.2670, 0.8888



1.0752, 0.6497, 0.0687

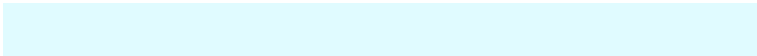


# Inverse Universe

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



57.8013, 63.3295, 73.4680



83.3561, 92.0144, 107.9750



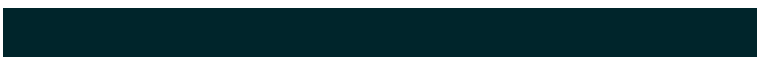
55.1610, 58.0489, 72.5879



12.6409, 13.8052, 15.9359



17.8514, 23.9647, 42.1379

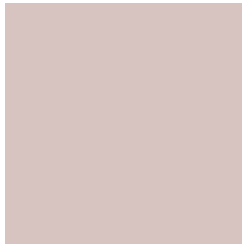


1.1176, 1.5271, 2.5552



# Previews

## White Background



This preview shows how the XYZ color 57.3899, 57.7772, 58.5794 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

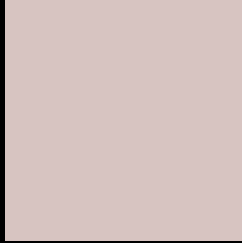
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.3899, 57.7772, 58.5794 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

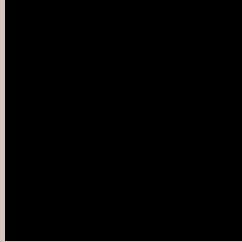
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 57.3899, 57.7772, 58.5794

## Background



This preview shows how black text looks on a background with the XYZ color 57.3899, 57.7772, 58.5794.



This preview shows how white text looks on a background with the XYZ color 57.3899, 57.7772,



# 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

57.3899, 57.7772, 58.5794

### Protanopia

55.4506, 57.7661, 59.8572

### Deuteranopia

58.8198, 57.5198, 58.4544



## Tritanopia

59.4157, 57.9387, 68.3734

# Trichromacy



## Original Color

57.3899, 57.7772, 58.5794

## Protanomaly

56.2262, 57.8385, 59.2394

## Deuteranomaly

58.1308, 57.4939, 58.4857

## Tritanomaly

58.6135, 57.9409, 64.5944

# Monochromacy



## Original Color

57.3899, 57.7772, 58.5794

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

56.0701, 58.0459, 61.6748

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.3899, 57.7772, 58.5794 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, 196, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 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, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 57.3899, 57.7772, 58.5794 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, 196, 193) }
```



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

```
.border{ border-color:rgb(215, 196, 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, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 196, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 196, 193); box-shadow:4px 4px 4px 4px rgb(215, 196, 193) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.3899, 57.7772, 58.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 193) }
```

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

```
.background{ background-color: rgb(215,  
196, 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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