

# Converting Colors

XYZ(58.7295, 58.1655, 59.8664)

Have a look what the booklet for  
XYZ(58.7295, 58.1655, 59.8664)  
contains.

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# Color

**XYZ(58.5789, 58.0304,  
59.7433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC3C3
RGB	219, 195, 195
RGB Percent	86%, 76%, 76%
CMY	0.1412, 0.2353, 0.2353
CMYK	0.00, 0.11, 0.11, 0.14
HSL	0°, 25%, 81%
HSV	0°, 11%, 86%
XYZ	58.5789, 58.0304, 59.7433
YIQ	202.1760, 14.3040, 5.0880

# Conversions

## Conversions Part 2

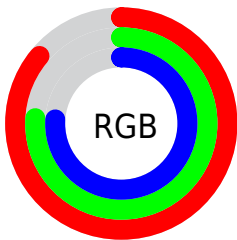
Format	Color
R <sub>Y</sub> B	219, 195, 195
Decimal	14402499
CIE Lab	80.76, 8.45, 3.09
CIE LCh	81, 9.000, 20.052
Yxy	58.0304, 0.3322, 0.3291
Android (android.graphics.Color)	4292592579 (0xFFDBC3C3)
YUV	202.1760, -3.5378, 14.7546
Hunter-Lab	76.1777, 3.9515, 6.8255

# Details

The XYZ color **58.5789, 58.0304, 59.7433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6232, 67.3785, 76.8288**, and the grayscale version is **56.2654, 59.1955, 64.4639**.

A 20% lighter version of the original color is **93.6211, 97.9091, 106.0594**, and **29.6424, 28.8654, 29.2085** is the 20% darker color. If you saturate the color by 10%, you get **51.7308, 48.0101, 46.1269**, and if you desaturate by 10%, it is **66.5129, 69.6400, 75.5147**.

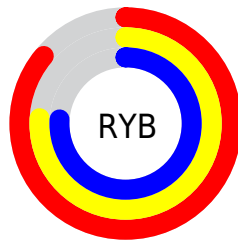
# Distribution



Red (86%)

Green (76%)

Blue (76%)



Red (86%)

Yellow (76%)

Blue (76%)

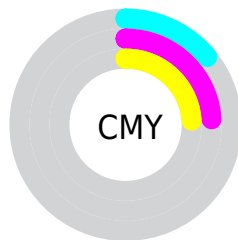


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (24%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5789, 58.0304, 59.7433 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 58.5789, 58.0304, 59.7433 by changing the saturation by 10% instead.





 58.5789, 58.0304,  
59.7433

 58.5789, 58.0304,  
59.7433

409.2588,  
417.2992, 441.4293

 42.5193, 41.8331,  
42.7878


 101.8835,  
101.9671, 105.9969

 29.7010, 28.9706,  
29.3885


129.8592,  
130.4753, 136.1321

 19.7587, 19.0586,  
19.1268


162.5377,  
163.8560, 171.4977

 12.3270, 11.7126,  
11.5842

200.2843,  
202.4934, 212.5121

 7.0406, 6.5483,  
6.3421

243.4643,  
246.7720, 259.5939

 3.5340, 3.1813,  
2.9821

292.4432,

 1.4421, 1.2271,

297.0763, 313.1617

1.0855

347.5862,  
353.7906, 373.6340

■ 0.2859, 0.0837,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.5789, 58.0304,  
59.7433

■ 58.5789, 58.0304,  
59.7433

■ 51.7308, 48.0101,  
46.1269

■ 66.5129, 69.6400,  
75.5147

■ 45.9168, 39.5026,  
34.5686

■ 75.5720, 82.8956,  
93.5252

■ 41.0881, 32.4369,  
24.9693

■ 83.0238, 93.8003,  
108.3372

■ 37.1902, 26.7331,  
17.2206

■ 34.1632, 22.3036,  
11.2034

■ 31.9402, 19.0505,  
6.7848

■ 30.4447, 16.8620,  
3.8126

■ 29.5855, 15.6044,  
2.1052

■ 29.2141, 15.0610,  
1.3673

# Harmonies

## Analogous

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



58.7485, 58.0304, 64.9683



58.5789, 58.0304, 59.7433



57.4808, 58.0304, 55.6652

# Triad

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



58.5789, 58.0304, 59.7433



52.4637, 58.0304, 56.8439



54.5416, 58.0304, 73.8026

# Complementary

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



58.5789, 58.0304, 59.7433



60.6232, 67.3785, 76.8288

# 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.



52.8950, 58.0304, 71.3538



58.5789, 58.0304, 59.7433



51.7133, 58.0304, 61.4351

# Square

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



58.5789, 58.0304, 59.7433



53.9409, 58.0304, 54.0574



51.8694, 58.0304, 66.7569



56.3896, 58.0304, 73.2867



# Rectangle

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



58.5789, 58.0304, 59.7433



56.3833, 58.0304, 54.0517



51.8694, 58.0304, 66.7569



53.9469, 58.0304, 73.2938

# Sweetspot

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



58.5805, 58.0330, 59.7445



91.4508, 94.7336, 101.7446



61.5155, 59.2056, 75.2043



19.3736, 19.9833, 21.3786



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.



58.5805, 58.0330, 59.7445



80.4875, 78.6916, 79.9487



61.3774, 63.6267, 60.6768



13.0563, 13.0519, 13.5567



17.3225, 8.9305, 0.8108



1.1223, 0.5787, 0.0525



# Inverse Universe

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



60.6232, 67.3785, 76.8288



83.8866, 94.2426, 108.3771



57.6055, 61.3431, 75.8229



13.4447, 14.8292, 16.8059



22.5967, 33.0629, 44.9292

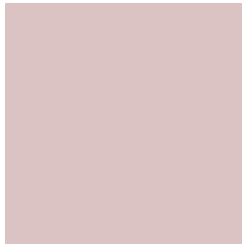


1.4640, 2.1421, 2.9108



# Previews

## White Background



This preview shows how the XYZ color 58.5789, 58.0304, 59.7433 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 58.5789, 58.0304, 59.7433 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

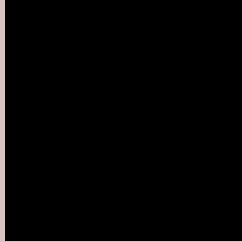
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.5789, 58.0304, 59.7433**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.5789, 58.0304, 59.7433.



This preview shows how white text looks on a background with the XYZ color 58.5789, 58.0304,



# 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

58.5789, 58.0304, 59.7433

### Protanopia

56.0242, 58.3649, 61.7388

### Deuteranopia

59.2663, 58.0533, 59.7115



## Tritanopia

60.2739, 58.0661, 67.7056

# Trichromacy



## Original Color

58.5789, 58.0304, 59.7433

## Protanomaly

56.8505, 58.1210, 61.0455

## Deuteranomaly

58.9609, 57.8959, 59.6972

## Tritanomaly

59.5865, 58.1110, 64.5759

# Monochromacy



## Original Color

58.5789, 58.0304, 59.7433

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

56.7447, 58.3803, 62.3106

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.5789, 58.0304, 59.7433 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(219, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 195)  
}
```

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(219, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 58.5789, 58.0304, 59.7433 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(219, 195, 195) }
```



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

```
.border{ border-color:rgb(219, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
195) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.5789, 58.0304, 59.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 195) }
```

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

```
.background{ background-color: rgb(219,  
195, 195) }
```

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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