

# Converting Colors

XYZ(58.2980, 60.0166, 63.2194)

Have a look what the booklet for  
XYZ(58.2980, 60.0166, 63.2194)  
contains.

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# Color

**XYZ(58.1759, 59.7923,  
63.1184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3C9C8
RGB	211, 201, 200
RGB Percent	83%, 79%, 78%
CMY	0.1725, 0.2117, 0.2157
CMYK	0.00, 0.05, 0.05, 0.17
HSL	5°, 11%, 81%
HSV	5°, 5%, 83%
XYZ	58.1759, 59.7923, 63.1184
YIQ	203.8760, 6.2810, 1.8090

# Conversions

## Conversions Part 2

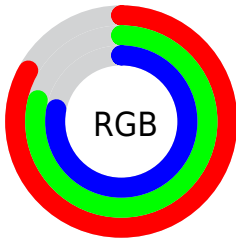
Format	Color
R <sub>Y</sub> B	211, 201, 200
Decimal	13879752
CIE Lab	81.73, 3.30, 1.73
CIE LCh	82, 3.724, 27.689
Yxy	59.7923, 0.3213, 0.3302
Android (android.graphics.Color)	4292069832 (0xFFD3C9C8)
YUV	203.8760, -1.9109, 6.2477
Hunter-Lab	77.3255, -1.0249, 5.7312

# Details

The XYZ color **58.1759, 59.7923, 63.1184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6237, 63.0746, 70.7135**, and the grayscale version is **57.3265, 60.3120, 65.6797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3323, 30.0107, 31.4408** is the 20% darker color. If you saturate the color by 10%, you get **51.6842, 50.4862, 49.6162**, and if you desaturate by 10%, it is **65.5693, 70.3557, 78.6016**.

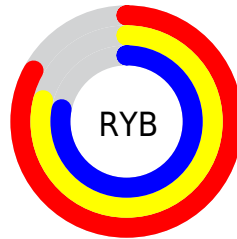
# Distribution



Red (83%)

Green (79%)

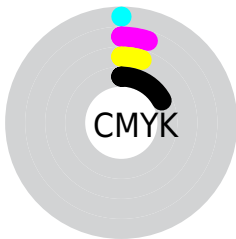
Blue (78%)



Red (83%)

Yellow (79%)

Blue (78%)

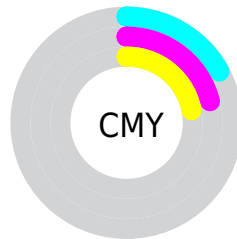


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1759, 59.7923, 63.1184 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 58.1759, 59.7923, 63.1184 by changing the saturation by 10% instead.



■ 58.1759, 59.7923,  
63.1184

■ 58.1759, 59.7923,  
63.1184

407.7844,  
423.8318, 454.1188

■ 42.1939, 43.2512,  
45.4954

101.3005,  
104.5283, 110.9275

■ 29.4449, 30.0823,  
31.5020

129.1737,  
133.4921, 141.9507

■ 19.5636, 19.9011,  
20.7198

161.7414,  
167.3655, 178.2777

■ 12.1847, 12.3231,  
12.7301

199.3690,  
206.5330, 220.3271

■ 6.9427, 6.9642,  
7.1144

242.4217,  
251.3790, 268.5173

■ 3.4723, 3.4397,  
3.4542

291.2649,

■ 1.4082, 1.3654,

302.2879, 323.2670

1.3310

346.2640,  
359.6440, 384.9947

■ 0.2620, 0.1910,  
0.0870

■ 0.0000, 0.0000,  
0.0000

■ 58.1759, 59.7923,  
63.1184

■ 58.1759, 59.7923,  
63.1184

■ 51.6842, 50.4862,  
49.6162

■ 65.5693, 70.3557,  
78.6016

■ 46.0549, 42.3832,  
38.0115

■ 73.8919, 82.2127,  
96.1373

■ 41.2531, 35.4363,  
28.2203

■ 80.6743, 92.5890,  
108.2272

■ 37.2396, 29.5930,  
20.1508

■ 33.9722, 24.7963,  
13.7035

■ 31.4046, 20.9842,  
8.7684

■ 29.4852, 18.0882,  
5.2218

■ 28.1552, 16.0310,  
2.9206

■ 27.3452, 14.7224,  
1.6905

# Harmonies

## Analogous

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



58.3501, 59.7923, 65.2779



58.1759, 59.7923, 63.1184



57.6403, 59.7923, 61.5232

# Triad

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



58.1759, 59.7923, 63.1184



55.5664, 59.7923, 62.8235



56.7700, 59.7923, 69.5127

# Complementary

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



58.1759, 59.7923, 63.1184



58.6237, 63.0746, 70.7135

# 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.



56.0289, 59.7923, 68.8204



58.1759, 59.7923, 63.1184



55.3380, 59.7923, 64.9297

# Square

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



58.1759, 59.7923, 63.1184



56.1333, 59.7923, 61.3557



55.5066, 59.7923, 67.1301



57.5340, 59.7923, 69.0012



# Rectangle

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



58.1759, 59.7923, 63.1184



57.1528, 59.7923, 60.9767



55.5066, 59.7923, 67.1301



56.5100, 59.7923, 69.4127

# Sweetspot

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



58.1776, 59.7949, 63.1197



92.7789, 96.7544, 104.1458



59.1622, 59.8156, 69.4553



19.8823, 20.7434, 22.3413



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

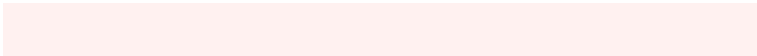


# Same Dimension

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



58.1776, 59.7949, 63.1197



88.4074, 90.5010, 95.0135



59.4618, 62.3633, 63.5478



12.2997, 12.5600, 13.1420



16.3883, 8.7097, 0.8174



0.9469, 0.5481, 0.0559

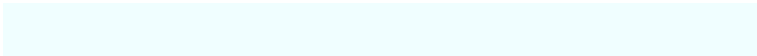


# Inverse Universe

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



58.6237, 63.0746, 70.7135



89.1996, 96.3252, 108.4990



57.3098, 60.4469, 70.2755



12.4197, 13.4417, 15.1836



18.4776, 25.6018, 41.1603



1.0607, 1.4866, 2.3106



# Previews

## White Background



This preview shows how the XYZ color 58.1759, 59.7923, 63.1184 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 58.1759, 59.7923, 63.1184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

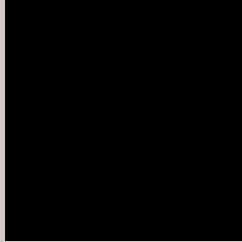
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

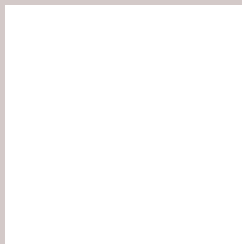
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 58.1759, 59.7923, 63.1184

## Background



This preview shows how black text looks on a background with the XYZ color 58.1759, 59.7923, 63.1184.



This preview shows how white text looks on a background with the XYZ color 58.1759, 59.7923,



# 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

58.1759, 59.7923, 63.1184

### Protanopia

57.3953, 59.7235, 63.7611

### Deuteranopia

60.9403, 59.8375, 63.5962



## Tritanopia

60.0016, 59.8480, 72.0077

# Trichromacy



## Original Color

58.1759, 59.7923, 63.1184

## Protanomaly

57.6756, 59.8680, 63.7742

## Deuteranomaly

59.9501, 59.6653, 63.6152

## Tritanomaly

59.3143, 59.9091, 68.7590

# Monochromacy



## Original Color

58.1759, 59.7923, 63.1184

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

57.8676, 60.2891, 65.0869

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.1759, 59.7923, 63.1184 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 200)  
}
```

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, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 200) }
```

## Border

The CSS property to change the border of an element to XYZ 58.1759, 59.7923, 63.1184 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, 201, 200) }
```



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

```
.border{ border-color:rgb(211, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
200) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.1759, 59.7923, 63.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 200) }
```

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

```
.background{ background-color: rgb(211,  
201, 200) }
```

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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