

# Converting Colors

XYZ(59.9899, 58.8739, 73.6267)

Have a look what the booklet for  
XYZ(59.9899, 58.8739, 73.6267)  
contains.

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# Color

**XYZ(59.9959, 58.7858,  
73.8303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6C4D9
RGB	214, 196, 217
RGB Percent	84%, 77%, 85%
CMY	0.1608, 0.2314, 0.1490
CMYK	0.01, 0.10, 0.00, 0.15
HSL	291°, 22%, 81%
HSV	291°, 10%, 85%
XYZ	59.9959, 58.7858, 73.8303
YIQ	203.7760, 3.9870, 10.3470

# Conversions

## Conversions Part 2

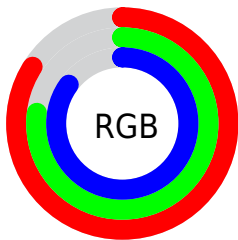
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 196, 217
Decimal	14075097
CIE Lab	81.17, 10.06, -8.17
CIE LCh	81, 12.954, 320.922
Yxy	58.7858, 0.3115, 0.3052
Android (android.graphics.Color)	4292265177 (0xFFD6C4D9)
YUV	203.7760, 6.5194, 8.9664
Hunter-Lab	76.6719, 5.5008, -3.4223

# Details

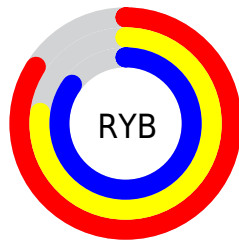
The XYZ color **59.9959, 58.7858, 73.8303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3320, 65.7549, 61.8451**, and the grayscale version is **57.2130, 60.1925, 65.5497**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **30.4927, 29.3256, 38.2357** is the 20% darker color. If you saturate the color by 10%, you get **54.5553, 49.2342, 72.2743**, and if you desaturate by 10%, it is **66.1651, 69.7672, 75.6256**.

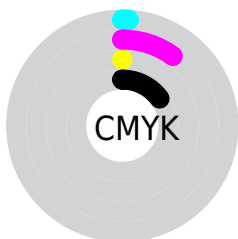
# Distribution



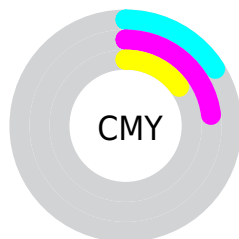
- Red (84%)
- Green (77%)
- Blue (85%)



- Red (84%)
- Yellow (77%)
- Blue (85%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9959, 58.7858, 73.8303 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 59.9959, 58.7858, 73.8303 by changing the saturation by 10% instead.



■ 59.9959, 58.7858,  
73.8303

■ 59.9959, 58.7858,  
73.8303

414.4176,  
420.1077, 493.0352

■ 43.6648, 42.4407,  
54.1592

103.9301,  
103.0663, 126.3870

■ 30.6038, 29.4465,  
38.3349

132.2639,  
131.7705, 160.1098

■ 20.4477, 19.4189,  
25.9389

165.3293,  
165.3631, 199.3535

■ 12.8311, 11.9733,  
16.5526

203.4916,  
204.2287, 244.5366

■ 7.3885, 6.7255,  
9.7574

247.1163,  
248.7515, 296.0779

■ 3.7547, 3.2910,  
5.1349

296.5686,

■ 1.5643, 1.2855,

299.3160, 354.3957

2.2665

352.2139,  
356.3066, 419.9086

■ 0.3690, 0.1299,  
0.7124

■ 0.0000, 0.0000,  
0.0000

■ 59.9959, 58.7858,  
73.8303

■ 59.9959, 58.7858,  
73.8303

■ 54.5553, 49.2342,  
72.2743

■ 66.1651, 69.7672,  
75.6256

■ 49.8077, 41.0442,  
70.9437

■ 73.0863, 82.2276,  
77.6660

■ 45.7224, 34.1534,  
69.8289

■ 78.8093, 92.2659,  
79.3019

■ 42.2641, 28.4917,  
68.9184

■ 79.7751, 92.7638,  
79.3471

39.3944, 23.9820,  
68.1992

80.7584, 93.2707,  
79.3931

37.0704, 20.5388,  
67.6571

81.7595, 93.7868,  
79.4400

35.2432, 18.0645,  
67.2758

82.7783, 94.3120,  
79.4877

33.8549, 16.4435,  
67.0361

83.8150, 94.8465,  
79.5362

32.8059, 15.4766,  
66.9047

84.8697, 95.3902,  
79.5855

# Harmonies

## Analogous

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



57.7459, 58.7858, 78.9013



59.9959, 58.7858, 73.8303



61.1512, 58.7858, 66.3788

# Triad

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



59.9959, 58.7858, 73.8303



56.6960, 58.7858, 50.4377



51.1704, 58.7858, 69.4573

# Complementary

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



59.9959, 58.7858, 73.8303



58.3320, 65.7549, 61.8451

# 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.



50.9097, 58.7858, 61.6938



59.9959, 58.7858, 73.8303



54.0433, 58.7858, 51.1173

# Square

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



59.9959, 58.7858, 73.8303



59.2062, 58.7858, 53.1602



51.9456, 58.7858, 55.0975



52.6695, 58.7858, 76.2388



# Rectangle

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



59.9959, 58.7858, 73.8303



61.1204, 58.7858, 61.2356



51.9456, 58.7858, 55.0975



50.9370, 58.7858, 66.8623

# Sweetspot

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



59.9976, 58.7883, 73.8316



92.2569, 95.0091, 108.0839



55.7498, 57.6642, 73.8385



19.5906, 20.0574, 23.0889



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.



59.9976, 58.7883, 73.8316



84.4631, 81.1868, 105.8267



59.9463, 58.8699, 68.9496



13.4220, 13.1757, 16.4879



19.9079, 9.3871, 40.5010



1.3409, 0.6345, 2.6262



# Inverse Universe

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



58.6661, 58.3578, 62.2079



82.1143, 80.4310, 85.1587



58.4012, 65.6915, 66.3228



13.1314, 13.0817, 13.9534



17.4952, 8.9991, 1.7219



1.1581, 0.5929, 0.2417



# Previews

## White Background



This preview shows how the XYZ color 59.9959, 58.7858, 73.8303 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

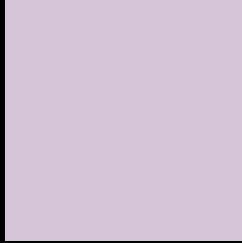
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.9959, 58.7858, 73.8303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

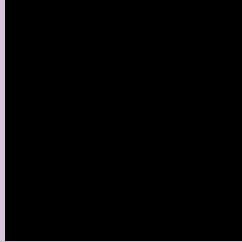
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.9959, 58.7858, 73.8303**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.9959, 58.7858, 73.8303.



This preview shows how white text looks on a background with the XYZ color 59.9959, 58.7858,



# 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

59.9959, 58.7858, 73.8303

### Protanopia

57.3920, 58.7552, 76.0262

### Deuteranopia

59.9959, 58.7858, 73.8303



## Tritanopia

59.2905, 58.8321, 70.5181

# Trichromacy



## Original Color

59.9959, 58.7858, 73.8303

## Protanomaly

58.3864, 58.9405, 75.3172

## Deuteranomaly

59.9959, 58.7858, 73.8303

## Tritanomaly

59.5444, 58.9337, 71.8553

# Monochromacy



## Original Color

59.9959, 58.7858, 73.8303

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.4077, 59.7866, 68.7832

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.9959, 58.7858, 73.8303 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(214, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 217)  
}
```

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(214, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 59.9959, 58.7858, 73.8303 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(214, 196, 217) }
```



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

```
.border{ border-color:rgb(214, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.9959, 58.7858, 73.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 217) }
```

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

```
.background{ background-color: rgb(214,  
196, 217) }
```

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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