

# Converting Colors

XYZ(58.7505, 58.5827, 69.1839)

Have a look what the booklet for  
XYZ(58.7505, 58.5827, 69.1839)  
contains.

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# Color

**XYZ(58.7505, 58.5827,  
69.1839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C5D2
RGB	212, 197, 210
RGB Percent	83%, 77%, 82%
CMY	0.1686, 0.2274, 0.1765
CMYK	0.00, 0.07, 0.01, 0.17
HSL	308°, 15%, 80%
HSV	308°, 7%, 83%
XYZ	58.7505, 58.5827, 69.1839
YIQ	202.9670, 4.7670, 7.2230

# Conversions

## Conversions Part 2

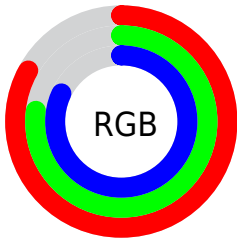
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 197, 210
Decimal	13944274
CIE Lab	81.06, 7.55, -4.59
CIE LCh	81, 8.838, 328.688
Yxy	58.5827, 0.3150, 0.3141
Android (android.graphics.Color)	4292134354 (0xFFD4C5D2)
YUV	202.9670, 3.4673, 7.9219
Hunter-Lab	76.5393, 3.0702, -0.0147

# Details

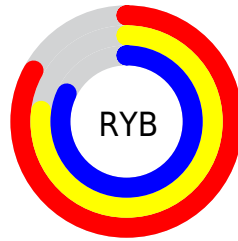
The XYZ color **58.7505, 58.5827, 69.1839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8805, 63.0824, 63.2141**, and the grayscale version is **56.7223, 59.6763, 64.9875**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.7278, 29.2133, 35.5244** is the 20% darker color. If you saturate the color by 10%, you get **53.9226, 49.4850, 65.8526**, and if you desaturate by 10%, it is **64.2649, 69.0419, 72.7762**.

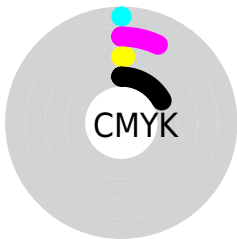
# Distribution



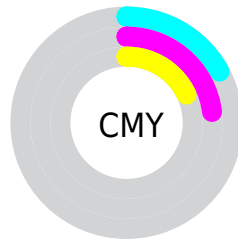
- Red (83%)
- Green (77%)
- Blue (82%)



- Red (83%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7505, 58.5827, 69.1839 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 58.7505, 58.5827, 69.1839 by changing the saturation by 10% instead.



■ 58.7505, 58.5827,  
69.1839

■ 58.7505, 58.5827,  
69.1839

409.8856,  
419.3537, 476.3908

■ 42.6579, 42.2773,  
50.3888

102.1317,  
102.7709, 119.7144

■ 29.8101, 29.3185,  
35.3491

130.1509,  
131.4225, 152.2868

■ 19.8419, 19.3219,  
23.6462

162.8765,  
164.9583, 190.2888

■ 12.3878, 11.9031,  
14.8616

200.6736,  
203.7626, 234.1389

■ 7.0824, 6.6777,  
8.5768

243.9078,  
248.2200, 284.2556

■ 3.5605, 3.2614,  
4.3732

292.9442,

■ 1.4566, 1.2697,

298.7147, 341.0575

1.8322

348.1484,  
355.6311, 404.9630

■ 0.2960, 0.1175,  
0.4491

■ 0.0000, 0.0000,  
0.0000

■ 58.7505, 58.5827,  
69.1839

■ 58.7505, 58.5827,  
69.1839

■ 53.9226, 49.4850,  
65.8526

■ 64.2649, 69.0419,  
72.7762

■ 49.7482, 41.6849,  
62.7689

■ 70.4873, 80.9079,  
76.6346

■ 46.1986, 35.1248,  
59.9240

■ 75.6301, 90.6046,  
80.1642

■ 43.2416, 29.7400,  
57.3067

■ 76.0044, 90.7543,  
82.1355

40.8416, 25.4595,  
54.9053

76.3851, 90.9066,  
84.1402

38.9595, 22.2050,  
52.7064

76.7722, 91.0614,  
86.1785

37.5508, 19.8878,  
50.6950

77.1657, 91.2188,  
88.2506

36.5637, 18.4040,  
48.8538

77.5656, 91.3788,  
90.3566

35.9291, 17.6159,  
47.1595

77.9720, 91.5413,  
92.4966

# Harmonies

## Analogous

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



57.3922, 58.5827, 73.0688



58.7505, 58.5827, 69.1839



59.2838, 58.5827, 64.0182

# Triad

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



58.7505, 58.5827, 69.1839



55.7619, 58.5827, 54.2076



52.6427, 58.5827, 68.7618

# Complementary

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



58.7505, 58.5827, 69.1839



56.8805, 63.0824, 63.2141

# 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.



52.2274, 58.5827, 63.5555



58.7505, 58.5827, 69.1839



54.0043, 58.5827, 55.3258

# Square

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



58.7505, 58.5827, 69.1839



57.5351, 58.5827, 55.5365



52.7205, 58.5827, 58.6776



53.8674, 58.5827, 72.8158



# Rectangle

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



58.7505, 58.5827, 69.1839



59.0910, 58.5827, 60.6030



52.7205, 58.5827, 58.6776



52.4050, 58.5827, 67.0797

# Sweetspot

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



58.7522, 58.5852, 69.1852



93.3352, 96.7453, 107.7891



55.4056, 56.8310, 70.3376



19.9955, 20.7416, 23.0830



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.



58.7522, 58.5852, 69.1852



88.4489, 87.4939, 104.5540



57.8396, 58.2202, 64.3794



12.8785, 12.6029, 15.3001



22.1123, 10.7812, 28.9592



1.3539, 0.6584, 1.8532



# Inverse Universe

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



58.7522, 58.5852, 69.1852



88.4489, 87.4939, 104.5540



57.7729, 63.4394, 67.9133



12.8785, 12.6029, 15.3001



22.1123, 10.7812, 28.9592

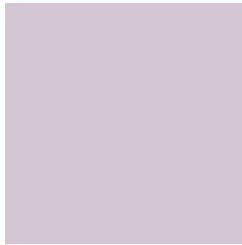


1.3539, 0.6584, 1.8532



# Previews

## White Background



This preview shows how the XYZ color 58.7505, 58.5827, 69.1839 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

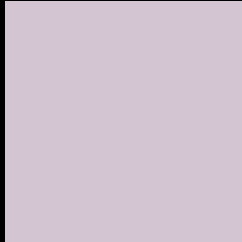
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.7505, 58.5827, 69.1839 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

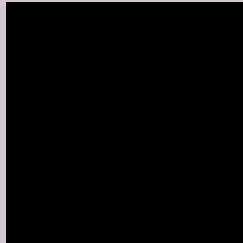
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.7505, 58.5827, 69.1839**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.7505, 58.5827, 69.1839.



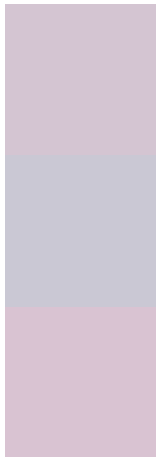
This preview shows how white text looks on a background with the XYZ color 58.7505, 58.5827,



# 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

58.7505, 58.5827, 69.1839

### Protanopia

56.8951, 58.6186, 70.6032

### Deuteranopia

59.7632, 58.4351, 69.1020



## Tritanopia

59.0013, 58.6830, 70.5046

# Trichromacy



## Original Color

58.7505, 58.5827, 69.1839

## Protanomaly

57.6349, 58.6718, 69.9151

## Deuteranomaly

59.3971, 58.5801, 69.1493

## Tritanomaly

58.8755, 58.6327, 69.8422

# Monochromacy



## Original Color

58.7505, 58.5827, 69.1839

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

57.4808, 59.3513, 66.8189

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.7505, 58.5827, 69.1839 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(212, 197, 210) looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 210)  
}
```

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(212, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 58.7505, 58.5827, 69.1839 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(212, 197, 210) }
```



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

```
.border{ border-color:rgb(212, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.7505, 58.5827, 69.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 210) }
```

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

```
.background{ background-color: rgb(212,  
197, 210) }
```

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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