

# Converting Colors

XYZ(57.8870, 57.6467, 70.6021)

Have a look what the booklet for  
XYZ(57.8870, 57.6467, 70.6021)  
contains.

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# Color

**XYZ(57.9181, 57.7886,  
70.3891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C4D4
RGB	209, 196, 212
RGB Percent	82%, 77%, 83%
CMY	0.1804, 0.2314, 0.1686
CMYK	0.01, 0.08, 0.00, 0.17
HSL	289°, 16%, 80%
HSV	289°, 8%, 83%
XYZ	57.9181, 57.7886, 70.3891
YIQ	201.7110, 2.6120, 7.7320

# Conversions

## Conversions Part 2

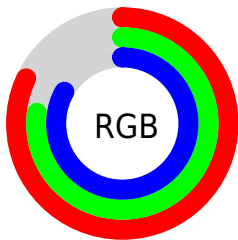
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	209, 196, 212
Decimal	13747412
CIE Lab	80.62, 7.43, -6.35
CIE LCh	81, 9.769, 319.497
Yxy	57.7886, 0.3112, 0.3105
Android (android.graphics.Color)	4291937492 (0xFFD1C4D4)
YUV	201.7110, 5.0725, 6.3925
Hunter-Lab	76.0188, 2.9647, -1.6860

# Details

The XYZ color **57.9181, 57.7886, 70.3891** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0626, 63.2161, 61.4218**, and the grayscale version is **55.9286, 58.8413, 64.0782**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.2764, 28.7489, 35.9043** is the 20% darker color. If you saturate the color by 10%, you get **52.3598, 48.3203, 68.8554**, and if you desaturate by 10%, it is **64.1835, 68.6277, 72.1519**.

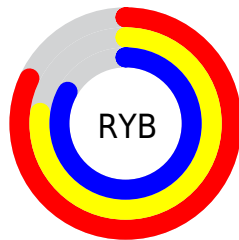
# Distribution



Red (82%)

Green (77%)

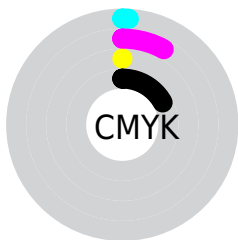
Blue (83%)



Red (82%)

Yellow (77%)

Blue (83%)

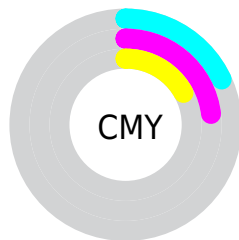


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (23%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9181, 57.7886, 70.3891 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 57.9181, 57.7886, 70.3891 by changing the saturation by 10% instead.



■ 57.9181, 57.7886,  
70.3891

■ 57.9181, 57.7886,  
70.3891

406.8395,  
416.3978, 480.7410

■ 41.9858, 41.6387,  
51.3650

100.9272,  
101.6149, 121.4498

■ 29.2812, 28.8185,  
36.1205

128.7348,  
130.0602, 154.3235

■ 19.4390, 18.9436,  
24.2368

161.2315,  
163.3727, 192.6508

■ 12.0938, 11.6295,  
15.2956

198.7827,  
201.9369, 236.8504

■ 6.8803, 6.4919,  
8.8782

241.7537,  
246.1370, 287.3406

■ 3.4330, 3.1464,  
4.5661

290.5100,

■ 1.3867, 1.2087,

296.3577, 344.5401

1.9407

345.4168,  
352.9831, 408.8674

■ 0.2467, 0.0688,  
0.5185

■ 0.0000, 0.0000,  
0.0000

■ 57.9181, 57.7886,  
70.3891

■ 57.9181, 57.7886,  
70.3891

■ 52.3598, 48.3203,  
68.8554

■ 64.1835, 68.6277,  
72.1519

■ 47.4752, 40.1589,  
67.5375

■ 71.1777, 80.8832,  
74.1488

■ 43.2356, 33.2464,  
66.4267

■ 77.4409, 91.6345,  
75.8939

■ 39.6082, 27.5175,  
65.5121

■ 78.6653, 92.2657,  
75.9512

36.5572, 22.9012,  
64.7819

79.9186, 92.9118,  
76.0099

34.0432, 19.3184,  
64.2228

81.2009, 93.5728,  
76.0699

32.0211, 16.6798,  
63.8201

82.5125, 94.2490,  
76.1313

30.4385, 14.8805,  
63.5562

83.8535, 94.9403,  
76.1940

29.2228, 13.7759,  
63.4071

85.2241, 95.6469,  
76.2582

# Harmonies

## Analogous

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



56.2265, 57.7886, 73.9446



57.9181, 57.7886, 70.3891



58.8152, 57.7886, 64.9616

# Triad

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



57.9181, 57.7886, 70.3891



55.6340, 57.7886, 52.6531



51.3627, 57.7886, 66.6893

# Complementary

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



57.9181, 57.7886, 70.3891



57.0626, 63.2161, 61.4218

# 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.



51.2128, 57.7886, 60.9255



57.9181, 57.7886, 70.3891



53.6464, 57.7886, 53.0530

# Square

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



57.9181, 57.7886, 70.3891



57.4752, 57.7886, 54.8745



52.0394, 57.7886, 56.0025



52.4539, 57.7886, 71.7200



# Rectangle

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



57.9181, 57.7886, 70.3891



58.8275, 57.7886, 61.1132



52.0394, 57.7886, 56.0025



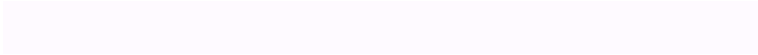
51.2015, 57.7886, 64.7661

# Sweetspot

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



57.9198, 57.7911, 70.3904



93.0936, 96.6081, 108.3484



55.1205, 57.4308, 70.4684



19.9464, 20.7137, 23.1968



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.



57.9198, 57.7911, 70.3904



86.5950, 85.4142, 106.5303



58.1800, 57.9942, 67.2889



12.7141, 12.5095, 15.6820



17.9523, 8.4072, 39.1297



1.1431, 0.5382, 2.3629



# Inverse Universe

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



57.2021, 57.6030, 62.1392



85.3025, 85.0781, 91.5524



56.8296, 63.0319, 64.3085



12.5174, 12.4585, 13.3991



17.0232, 8.7456, 2.1601

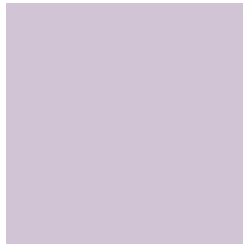


1.0555, 0.5390, 0.2818



# Previews

## White Background



This preview shows how the XYZ color 57.9181, 57.7886, 70.3891 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

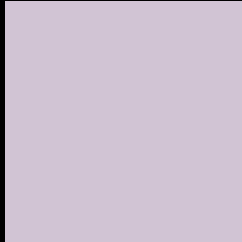
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.9181, 57.7886, 70.3891 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 57.9181, 57.7886, 70.3891

## Background



This preview shows how black text looks on a background with the XYZ color 57.9181, 57.7886, 70.3891.



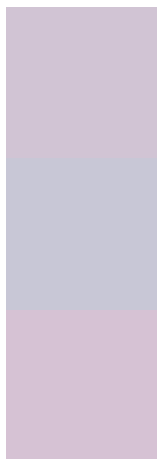
This preview shows how white text looks on a background with the XYZ color 57.9181, 57.7886,

70.3891.

# 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

57.9181, 57.7886, 70.3891

### Protanopia

56.3804, 57.9812, 71.8383

### Deuteranopia

58.9070, 57.6332, 70.3069



## Tritanopia

57.9181, 57.7886, 70.3891

# Trichromacy



## Original Color

57.9181, 57.7886, 70.3891

## Protanomaly

56.8329, 57.8888, 71.1290

## Deuteranomaly

58.5501, 57.7807, 70.3542

## Tritanomaly

57.9181, 57.7886, 70.3891

# Monochromacy



## Original Color

57.9181, 57.7886, 70.3891

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

56.9717, 58.7439, 66.7285

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.9181, 57.7886, 70.3891 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(209, 196, 212) looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 212)  
}
```

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(209, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 57.9181, 57.7886, 70.3891 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(209, 196, 212) }
```



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

```
.border{ border-color:rgb(209, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 196, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 196, 212); box-shadow:4px 4px 4px 4px rgb(209, 196, 212) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.9181, 57.7886, 70.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 196, 212) }
```

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

```
.background{ background-color: rgb(209,  
196, 212) }
```

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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