

Converting Colors

XYZ(58.7563, 57.3515, 69.2162)

Have a look what the booklet for
XYZ(58.7563, 57.3515, 69.2162)
contains.

XYZ(58.7272, 57.2401, 68.9260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.7272, 57.2401,
68.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1D2
RGB	215, 193, 210
RGB Percent	84%, 76%, 82%
CMY	0.1569, 0.2431, 0.1765
CMYK	0.00, 0.10, 0.02, 0.16
HSL	314°, 22%, 80%
HSV	314°, 10%, 84%
XYZ	58.7272, 57.2401, 68.9260
YIQ	201.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

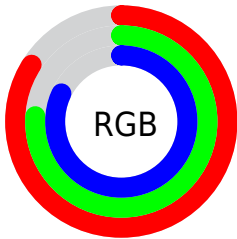
Format	Color
R _Y B	215, 193, 210
Decimal	14139858
CIE Lab	80.31, 10.71, -5.67
CIE LCh	80, 12.121, 332.125
Yxy	57.2401, 0.3176, 0.3096
Android (android.graphics.Color)	4292329938 (0xFFD7C1D2)
YUV	201.5160, 4.1826, 11.8255
Hunter-Lab	75.6572, 6.1566, -1.0550

Details

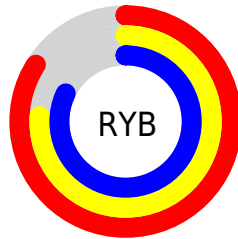
The XYZ color **58.7272, 57.2401, 68.9260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4880, 64.0172, 62.8085**, and the grayscale version is **55.8105, 58.7170, 63.9428**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.7306, 28.3391, 35.3555** is the 20% darker color. If you saturate the color by 10%, you get **53.7164, 48.1774, 64.2978**, and if you desaturate by 10%, it is **64.4508, 67.6970, 73.8849**.

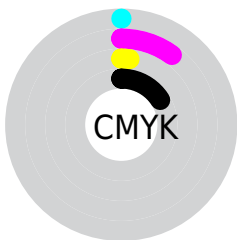
Distribution



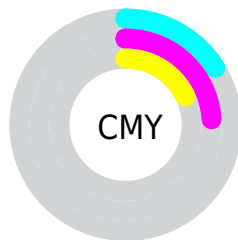
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7272, 57.2401, 68.9260 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 58.7272, 57.2401, 68.9260 by changing the saturation by 10% instead.


 58.7272, 57.2401,
68.9260

 58.7272, 57.2401,
68.9260


409.8005,
414.3484, 475.4568

 42.6391, 41.1980,
50.1801


 102.0980,
100.8154, 119.3426

 29.7953, 28.4739,
35.1843


130.1113,
129.1175, 151.8503

 19.8306, 18.6832,
23.5202

162.8305,
162.2750, 189.7824

 12.3795, 11.4416,
14.7692

200.6208,
200.6724, 233.5573

 7.0767, 6.3647,
8.5127

243.8476,
244.6941, 283.5937

 3.5569, 3.0681,
4.3323

292.8762,

 1.4546, 1.1674,

294.7243, 340.3101

1.8094

348.0721,
351.1476, 404.1249

■ 0.2947, 0.0348,
0.4341

■ 0.0000, 0.0000,
0.0000

■ 58.7272, 57.2401,
68.9260

■ 58.7272, 57.2401,
68.9260

■ 53.7164, 48.1774,
64.2978

■ 64.4508, 67.6970,
73.8849

■ 49.3837, 40.4422,
59.9859

■ 70.9104, 79.5966,
79.1811

■ 45.6987, 33.9731,
55.9800

■ 77.3295, 91.3852,
84.5571

■ 42.6267, 28.7011,
52.2678

■ 78.0047, 91.6553,
88.1125

40.1298, 24.5506,
48.8358

78.6991, 91.9330,
91.7693

38.1658, 21.4375,
45.6689

79.4129, 92.2186,
95.5281

36.6864, 19.2655,
42.7504

80.1463, 92.5119,
99.3899

35.6344, 17.9203,
40.0602

80.8993, 92.8131,
103.3553

34.9195, 17.2052,
37.6185

81.6722, 93.1223,
107.4252

Harmonies

Analogous

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



56.9787, 57.2401, 74.6123



58.7272, 57.2401, 68.9260



59.3075, 57.2401, 61.8200

Triad

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



58.7272, 57.2401, 68.9260



54.2285, 57.2401, 49.6568



50.4681, 57.2401, 69.8677

Complementary

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



58.7272, 57.2401, 68.9260



56.4880, 64.0172, 62.8085

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.



49.7804, 57.2401, 62.8322



58.7272, 57.2401, 68.9260



51.9100, 57.2401, 51.4662

Square

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



58.7272, 57.2401, 68.9260



56.6636, 57.2401, 51.0220



50.3002, 57.2401, 56.1590



52.2072, 57.2401, 75.1843

Rectangle

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



58.7272, 57.2401, 68.9260



58.9400, 57.2401, 57.3245



50.3002, 57.2401, 56.1590



50.1088, 57.2401, 67.6076

Sweetspot

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



58.7289, 57.2426, 68.9272



92.3791, 95.1043, 106.6347



54.5653, 55.0231, 72.0357



19.6237, 20.0832, 22.6963



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.



58.7289, 57.2426, 68.9272



84.9534, 81.5666, 100.1092



57.4322, 56.7239, 62.0992



12.8266, 12.5821, 15.0272



20.9277, 10.3074, 22.7210



1.2925, 0.6338, 1.5297

Inverse Universe

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



58.7289, 57.2426, 68.9272



84.9534, 81.5666, 100.1092



57.7745, 64.5318, 69.5827



12.8266, 12.5821, 15.0272



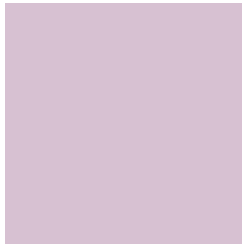
20.9277, 10.3074, 22.7210



1.2925, 0.6338, 1.5297

Previews

White Background



This preview shows how the XYZ color 58.7272, 57.2401, 68.9260 looks on a white background.

Color Contrast Check

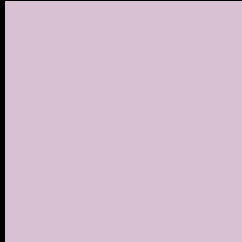
Large Text (above 18pt) WCAG AA × Fail

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 58.7272, 57.2401, 68.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

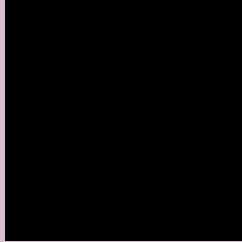
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7272, 57.2401, 68.9260

Background



This preview shows how black text looks on a background with the XYZ color 58.7272, 57.2401, 68.9260.



This preview shows how white text looks on a background with the XYZ color 58.7272, 57.2401,

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

58.7272, 57.2401, 68.9260

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.4344, 57.0892, 68.9123



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

58.7272, 57.2401, 68.9260

Protanomaly

56.8004, 57.2125, 70.3368

Deuteranomaly

58.4344, 57.0892, 68.9123

Tritanomaly

58.6029, 57.1905, 68.2718

Monochromacy



Original Color

58.7272, 57.2401, 68.9260

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1750, 58.5200, 66.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7272, 57.2401, 68.9260 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(215, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 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(215, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.7272, 57.2401, 68.9260 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(215, 193, 210) }
```


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

```
.border{ border-color:rgb(215, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7272, 57.2401, 68.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 210) }
```

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

```
.background{ background-color: rgb(215,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor