

Converting Colors

XYZ(58.6438, 59.8678, 71.9725)

Have a look what the booklet for
XYZ(58.6438, 59.8678, 71.9725)
contains.

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Color

**XYZ(58.7564, 59.8937,
72.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9D6
RGB	207, 201, 214
RGB Percent	81%, 79%, 84%
CMY	0.1882, 0.2117, 0.1608
CMYK	0.03, 0.06, 0.00, 0.16
HSL	268°, 14%, 81%
HSV	268°, 6%, 84%
XYZ	58.7564, 59.8937, 72.0822
YIQ	204.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

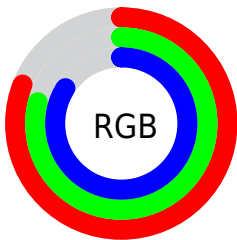
Format	Color
R _Y B	207, 201, 214
Decimal	13617622
CIE Lab	81.78, 4.47, -5.72
CIE LCh	82, 7.259, 307.977
Yxy	59.8937, 0.3081, 0.3140
Android (android.graphics.Color)	4291807702 (0xFFCFC9D6)
YUV	204.2760, 4.7939, 2.3889
Hunter-Lab	77.3910, 0.0855, -1.0491

Details

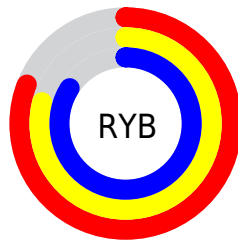
The XYZ color **58.7564, 59.8937, 72.0822** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6038, 65.7216, 64.7527**, and the grayscale version is **57.5414, 60.5380, 65.9259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8286, 30.1429, 37.0469** is the 20% darker color. If you saturate the color by 10%, you get **51.0082, 49.0038, 70.3895**, and if you desaturate by 10%, it is **67.4381, 72.2999, 74.0202**.

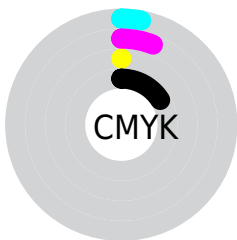
Distribution



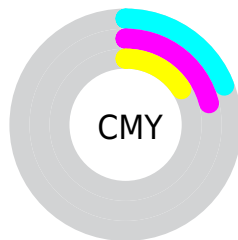
- Red (81%)
- Green (79%)
- Blue (84%)



- Red (81%)
- Yellow (79%)
- Blue (84%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7564, 59.8937, 72.0822 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 58.7564, 59.8937, 72.0822 by changing the saturation by 10% instead.

■ 58.7564, 59.8937,
72.0822

■ 58.7564, 59.8937,
72.0822

409.9072,
424.2058, 486.8129

■ 42.6627, 43.3330,
52.7386

102.1402,
104.6755, 123.8822

■ 29.8139, 30.1464,
37.2078

130.1610,
133.6653, 157.1757

■ 19.8447, 19.9498,
25.0714

162.8881,
167.5669, 195.9561

■ 12.3898, 12.3585,
15.9107

200.6870,
206.7647, 240.6422

■ 7.0838, 6.9884,
9.3073

243.9230,
251.6431, 291.6524

■ 3.5614, 3.4548,
4.8427

292.9615,

■ 1.4571, 1.3735,

302.5865, 349.4052

2.0981

348.1677,
359.9793, 414.3192

■ 0.2964, 0.1971,
0.6146

■ 0.0000, 0.0000,
0.0000

■ 58.7564, 59.8937,
72.0822

■ 58.7564, 59.8937,
72.0822

■ 51.0082, 49.0038,
70.3895

■ 67.4381, 72.2999,
74.0202

■ 44.1549, 39.5629,
68.9284

■ 77.0799, 86.2709,
76.2087

■ 38.1623, 31.5097,
67.6899

■ 84.3712, 95.1778,
77.5436

■ 32.9924, 24.7756,
66.6625

■ 88.4437, 97.2773,
77.7342

■ 28.6036, 19.2860,
65.8343

■ 89.1378, 97.6351,
77.7667

■ 24.9505, 14.9587,
65.1915

■ 21.9824, 11.7008,
64.7191

■ 19.6407, 9.4048,
64.3994

■ 17.8537, 7.9372,
64.2103

Harmonies

Analogous

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



57.3363, 59.8937, 73.9173



58.7564, 59.8937, 72.0822



59.6977, 59.8937, 68.4241

Triad

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



58.7564, 59.8937, 72.0822



58.0373, 59.8937, 57.7123



54.0636, 59.8937, 66.3901

Complementary

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



58.7564, 59.8937, 72.0822



60.6038, 65.7216, 64.7527

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.



54.2437, 59.8937, 62.1060



58.7564, 59.8937, 72.0822



56.5199, 59.8937, 57.2223

Square

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



58.7564, 59.8937, 72.0822



59.2774, 59.8937, 60.1665



55.1363, 59.8937, 58.7967



54.6399, 59.8937, 70.5363

Rectangle

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



58.7564, 59.8937, 72.0822



59.9176, 59.8937, 65.5118



55.1363, 59.8937, 58.7967



54.0379, 59.8937, 64.9172

Sweetspot

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



58.7581, 59.8963, 72.0835



92.4412, 96.2718, 108.3179



58.8196, 62.4596, 72.5750



19.8136, 20.6452, 23.1906



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.



58.7581, 59.8963, 72.0835



86.1688, 87.3573, 106.9278



60.5682, 60.8294, 72.1682



12.6114, 12.7521, 15.7342



10.5471, 4.5897, 38.7832



0.7310, 0.3257, 2.3437

Inverse Universe

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



60.0054, 60.6261, 68.2167



88.3197, 88.6161, 100.2542



58.8538, 64.8195, 64.6708



12.9486, 12.9495, 14.6876



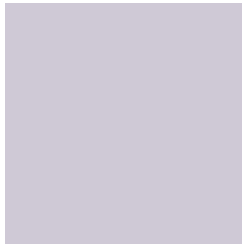
18.6944, 9.4141, 10.9606



1.1692, 0.5845, 0.8802

Previews

White Background



This preview shows how the XYZ color 58.7564, 59.8937, 72.0822 looks on a white background.

Color Contrast Check

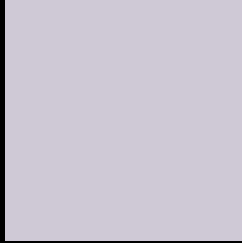
Large Text (above 18pt) WCAG AA × Fail

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 58.7564, 59.8937, 72.0822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

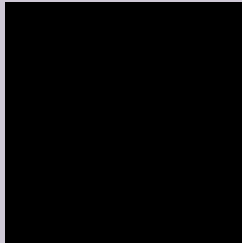
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7564, 59.8937, 72.0822

Background



This preview shows how black text looks on a background with the XYZ color 58.7564, 59.8937, 72.0822.

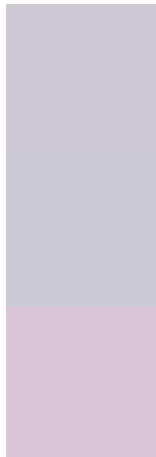


This preview shows how white text looks on a background with the XYZ color 58.7564, 59.8937,

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

58.7564, 59.8937, 72.0822

Protanopia

58.2881, 59.9847, 72.7961

Deuteranopia

61.1454, 59.7442, 72.5991



Tritanopia

59.0134, 59.9966, 73.4359

Trichromacy



Original Color

58.7564, 59.8937, 72.0822

Protanomaly

58.5631, 60.1265, 72.8089

Deuteranomaly

60.1914, 59.5906, 72.6197

Tritanomaly

58.8845, 59.9450, 72.7570

Monochromacy



Original Color

58.7564, 59.8937, 72.0822

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9179, 60.2451, 68.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7564, 59.8937, 72.0822 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(207, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 214)  
}
```

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(207, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.7564, 59.8937, 72.0822 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(207, 201, 214) }
```


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

```
.border{ border-color:rgb(207, 201, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7564, 59.8937, 72.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 214) }
```

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

```
.background{ background-color: rgb(207,  
201, 214) }
```

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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