

Converting Colors

XYZ(59.8882, 60.4772, 72.1351)

Have a look what the booklet for
XYZ(59.8882, 60.4772, 72.1351)
contains.

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Color

**XYZ(59.8882, 60.4772,
72.1351)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C9D6
RGB	211, 201, 214
RGB Percent	83%, 79%, 84%
CMY	0.1725, 0.2117, 0.1608
CMYK	0.01, 0.06, 0.00, 0.16
HSL	286°, 14%, 81%
HSV	286°, 6%, 84%
XYZ	59.8882, 60.4772, 72.1351
YIQ	205.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

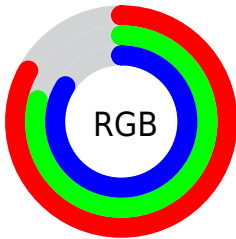
Format	Color
R _Y B	211, 201, 214
Decimal	13879766
CIE Lab	82.10, 5.82, -5.22
CIE LCh	82, 7.817, 318.117
Yxy	60.4772, 0.3111, 0.3142
Android (android.graphics.Color)	4292069846 (0xFFD3C9D6)
YUV	205.4720, 4.2043, 4.8481
Hunter-Lab	77.7671, 1.3699, -0.5592

Details

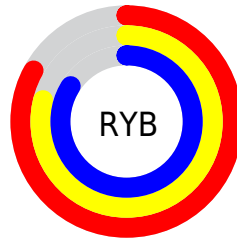
The XYZ color **59.8882, 60.4772, 72.1351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4932, 65.1491, 64.7008**, and the grayscale version is **58.3036, 61.3400, 66.7992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4020, 30.4386, 37.0738** is the 20% darker color. If you saturate the color by 10%, you get **53.8501, 50.4690, 70.5225**, and if you desaturate by 10%, it is **66.6682, 71.9030, 73.9841**.

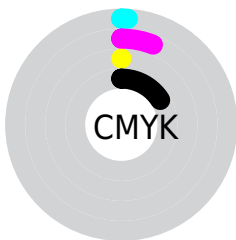
Distribution



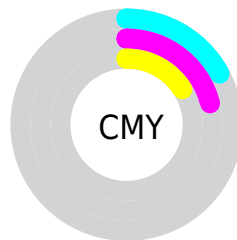
- Red (83%)
- Green (79%)
- Blue (84%)



- Red (83%)
- Yellow (79%)
- Blue (84%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8882, 60.4772, 72.1351 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 59.8882, 60.4772, 72.1351 by changing the saturation by 10% instead.

■ 59.8882, 60.4772,
72.1351

■ 59.8882, 60.4772,
72.1351

414.0269,
426.3545, 487.0019

■ 43.5776, 43.8034,
52.7815

103.7747,
105.5216, 123.9581

■ 30.5351, 30.5160,
37.2419

132.0814,
134.6610, 157.2646

■ 20.3952, 20.2306,
25.0976

165.1175,
168.7243, 196.0592

■ 12.7926, 12.5627,
15.9301

203.2484,
208.0960, 240.7603

■ 7.3619, 7.1282,
9.3209

246.8395,
253.1605, 291.7867

■ 3.7378, 3.5424,
4.8514

296.2560,

■ 1.5549, 1.4210,

304.3022, 349.5567

2.1031

351.8633,
361.9053, 414.4889

■ 0.3627, 0.2321,
0.6176

■ 0.0000, 0.0000,
0.0000

■ 59.8882, 60.4772,
72.1351

■ 59.8882, 60.4772,
72.1351

■ 53.8501, 50.4690,
70.5225

■ 66.6682, 71.9030,
73.9841

■ 48.5199, 41.8132,
69.1327

■ 74.2123, 84.7927,
76.0744

■ 43.8682, 34.4512,
67.9568

■ 79.2054, 92.5148,
77.3018

■ 39.8618, 28.3169,
66.9840

■ 80.7753, 93.3241,
77.3752

36.4644, 23.3385,
66.2021

82.3901, 94.1565,
77.4508

33.6359, 19.4362,
65.5979

84.0502, 95.0124,
77.5285

31.3312, 16.5203,
65.1566

85.7561, 95.8918,
77.6083

29.4975, 14.4862,
64.8606

87.5080, 96.7949,
77.6903

28.0694, 13.2036,
64.6883

89.1378, 97.6351,
77.7666

Harmonies

Analogous

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



58.4789, 60.4772, 74.9141



59.8882, 60.4772, 72.1351



60.6584, 60.4772, 67.7474

Triad

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



59.8882, 60.4772, 72.1351



58.1407, 60.4772, 57.3125



54.5046, 60.4772, 68.7297

Complementary

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



59.8882, 60.4772, 72.1351



59.4932, 65.1491, 64.7008

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.



54.4180, 60.4772, 63.9871



59.8882, 60.4772, 72.1351



56.4961, 60.4772, 57.5471

Square

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



59.8882, 60.4772, 72.1351



59.6366, 60.4772, 59.2828



55.1407, 60.4772, 59.9399



55.3795, 60.4772, 72.8838

Rectangle

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



59.8882, 60.4772, 72.1351



60.6961, 60.4772, 64.5686



55.1407, 60.4772, 59.9399



54.3830, 60.4772, 67.1471

Sweetspot

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



59.8899, 60.4798, 72.1364



93.0128, 96.5665, 108.3446



57.8282, 60.4768, 72.2445



19.9299, 20.7052, 23.1960



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.



59.8899, 60.4798, 72.1364



88.1180, 88.3622, 107.0190



60.3194, 60.7518, 69.8703



12.9168, 12.9096, 15.7485



16.7608, 7.7930, 39.0740



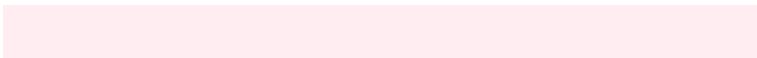
1.0808, 0.5060, 2.3600

Inverse Universe

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



59.5194, 60.4318, 65.6572



87.4852, 88.2823, 95.8600



59.0912, 64.8942, 66.8345



12.8181, 12.8973, 14.0002



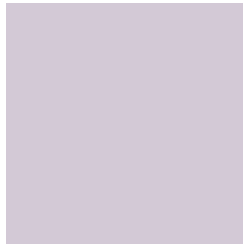
17.1354, 8.7905, 2.7511



1.0658, 0.5431, 0.3360

Previews

White Background



This preview shows how the XYZ color 59.8882, 60.4772, 72.1351 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 59.8882, 60.4772, 72.1351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

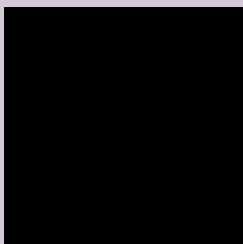
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

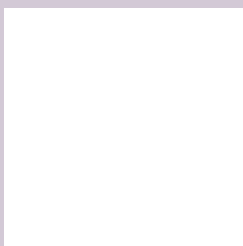
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8882, 60.4772, 72.1351

Background



This preview shows how black text looks on a background with the XYZ color 59.8882, 60.4772, 72.1351.

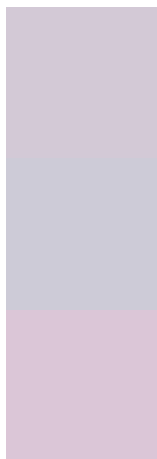


This preview shows how white text looks on a background with the XYZ color 59.8882, 60.4772,

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

59.8882, 60.4772, 72.1351

Protanopia

58.7985, 60.5973, 72.8874

Deuteranopia

61.6732, 60.3545, 72.6890



Tritanopia

60.1453, 60.5800, 73.4889

Trichromacy



Original Color

59.8882, 60.4772, 72.1351

Protanomaly

59.1184, 60.4128, 72.8349

Deuteranomaly

61.0081, 60.3521, 72.7236

Tritanomaly

60.0164, 60.5285, 72.8099

Monochromacy



Original Color

59.8882, 60.4772, 72.1351

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7102, 61.0052, 68.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8882, 60.4772, 72.1351 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(211, 201, 214) looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.8882, 60.4772, 72.1351 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(211, 201, 214) }
```


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

```
.border{ border-color:rgb(211, 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(211, 201, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8882, 60.4772, 72.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 214) }
```

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

```
.background{ background-color: rgb(211,  
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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