

Converting Colors

XYZ(59.9539, 60.9567, 70.8407)

Have a look what the booklet for
XYZ(59.9539, 60.9567, 70.8407)
contains.

XYZ(59.8682, 60.8434, 70.8759)	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(59.8682, 60.8434,
70.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CAD4
RGB	211, 202, 212
RGB Percent	83%, 79%, 83%
CMY	0.1725, 0.2078, 0.1686
CMYK	0.00, 0.05, 0.00, 0.17
HSL	294°, 10%, 81%
HSV	294°, 5%, 83%
XYZ	59.8682, 60.8434, 70.8759
YIQ	205.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

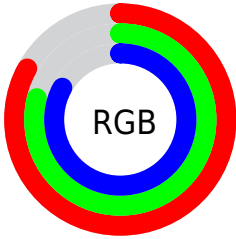
Format	Color
R_{YB}	211, 202, 212
Decimal	13880020
CIE Lab	82.29, 4.92, -3.86
CIE LCh	82, 6.253, 321.904
Yxy	60.8434, 0.3125, 0.3176
Android (android.graphics.Color)	4292070100 (0xFFD3CAD4)
YUV	205.8310, 3.0413, 4.5332
Hunter-Lab	78.0022, 0.4984, 0.7283

Details

The XYZ color **59.8682, 60.8434, 70.8759** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8349, 64.0493, 65.1420**, and the grayscale version is **58.5398, 61.5885, 67.0698**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3860, 30.6821, 36.2190** is the 20% darker color. If you saturate the color by 10%, you get **54.6290, 51.2600, 69.3032**, and if you desaturate by 10%, it is **65.8023, 71.8029, 72.6794**.

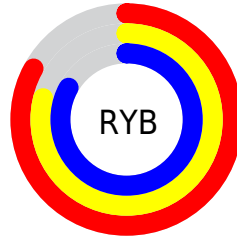
Distribution



Red (83%)

Green (79%)

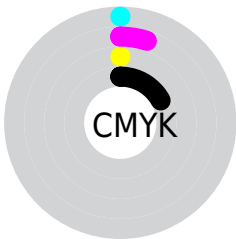
Blue (83%)



Red (83%)

Yellow (79%)

Blue (83%)

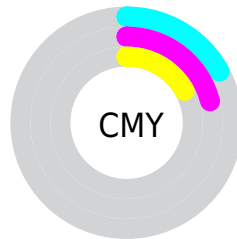


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8682, 60.8434, 70.8759 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 59.8682, 60.8434, 70.8759 by changing the saturation by 10% instead.

■ 59.8682, 60.8434,
70.8759

■ 59.8682, 60.8434,
70.8759

413.9543,
427.6996, 482.4915

■ 43.5615, 44.0988,
51.7597

103.7459,
106.0522, 122.1498

■ 30.5223, 30.7482,
36.4327

132.0475,
135.2851, 155.1446

■ 20.3854, 20.4072,
24.4762

165.0782,
169.4496, 193.6027

■ 12.7854, 12.6914,
15.4718

203.2033,
208.9301, 237.9426

■ 7.3569, 7.2164,
9.0009

246.7880,
254.1109, 288.5829

■ 3.7346, 3.5978,
4.6449

296.1979,

■ 1.5531, 1.4512,

305.3765, 345.9421

1.9854

351.7982,
363.1113, 410.4388

■ 0.3616, 0.2540,
0.5463

■ 0.0000, 0.0000,
0.0000

■ 59.8682, 60.8434,
70.8759

■ 59.8682, 60.8434,
70.8759

■ 54.6290, 51.2600,
69.3032

■ 65.8023, 71.8029,
72.6794

■ 50.0517, 42.9893,
67.9480

■ 72.4520, 84.1828,
74.7185

■ 46.1084, 35.9749,
66.8019

■ 76.3669, 91.0808,
75.8436

■ 42.7673, 30.1531,
65.8543

■ 77.0026, 91.4085,
75.8734

39.9936, 25.4546,
65.0936

77.6465, 91.7405,
75.9035

37.7493, 21.8031,
64.5071

78.2985, 92.0766,
75.9340

35.9913, 19.1124,
64.0804

78.9587, 92.4169,
75.9649

34.6697, 17.2831,
63.7969

79.6271, 92.7615,
75.9962

33.7238, 16.1936,
63.6365

80.3038, 93.1103,
76.0279

Harmonies

Analogous

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



58.7902, 60.8434, 73.2868



59.8682, 60.8434, 70.8759



60.4018, 60.8434, 67.2862

Triad

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



59.8682, 60.8434, 70.8759



58.1912, 60.8434, 59.2507



55.4867, 60.8434, 69.0213

Complementary

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



59.8682, 60.8434, 70.8759



58.8349, 64.0493, 65.1420

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.



55.3319, 60.8434, 65.2208



59.8682, 60.8434, 70.8759



56.8800, 60.8434, 59.6752

Square

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



59.8682, 60.8434, 70.8759



59.4239, 60.8434, 60.6436



55.8383, 60.8434, 61.8263



56.2645, 60.8434, 72.1878

Rectangle

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



59.8682, 60.8434, 70.8759



60.3714, 60.8434, 64.7471



55.8383, 60.8434, 61.8263



55.3606, 60.8434, 67.7721

Sweetspot

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



59.8700, 60.8460, 70.8772



94.1481, 98.3355, 108.6262



57.6387, 60.1035, 70.8515



20.1611, 21.0654, 23.2534



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.



59.8700, 60.8460, 70.8772



89.8011, 90.3346, 107.3110



59.6795, 60.8030, 68.3745



13.1639, 13.1877, 15.7892



20.6178, 9.7814, 39.2545



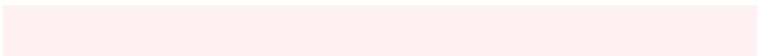
1.2797, 0.6086, 2.3693

Inverse Universe

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



59.0535, 60.5526, 65.0782



88.2234, 89.7683, 96.0766



59.0230, 64.0932, 67.5491



12.9120, 13.0973, 13.9938



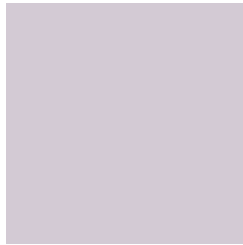
16.8638, 8.6818, 1.3208



1.0348, 0.5307, 0.1724

Previews

White Background



This preview shows how the XYZ color 59.8682, 60.8434, 70.8759 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 59.8682, 60.8434, 70.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

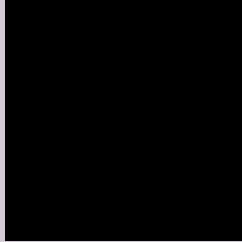
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8682, 60.8434, 70.8759

Background



This preview shows how black text looks on a background with the XYZ color 59.8682, 60.8434, 70.8759.

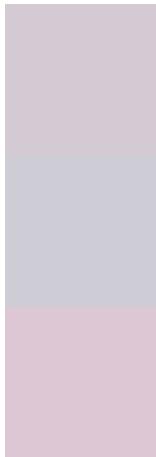


This preview shows how white text looks on a background with the XYZ color 59.8682, 60.8434,

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

59.8682, 60.8434, 70.8759

Protanopia

59.0567, 61.1116, 71.6339

Deuteranopia

62.2525, 61.0231, 71.4484



Tritanopia

60.5624, 60.7801, 74.1854

Trichromacy



Original Color

59.8682, 60.8434, 70.8759

Protanomaly

59.3786, 60.9259, 71.5811

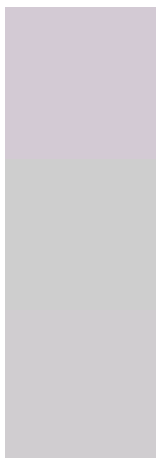
Deuteranomaly

61.2798, 60.8644, 71.4690

Tritanomaly

60.3038, 60.6766, 72.8234

Monochromacy



Original Color

59.8682, 60.8434, 70.8759

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2289, 61.6266, 68.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8682, 60.8434, 70.8759 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, 202, 212) looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 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(211, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.8682, 60.8434, 70.8759 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, 202, 212) }
```


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

```
.border{ border-color:rgb(211, 202, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8682, 60.8434, 70.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 212) }
```

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

```
.background{ background-color: rgb(211,  
202, 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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