

Converting Colors

XYZ(60.4606, 59.4321, 70.5692)

Have a look what the booklet for
XYZ(60.4606, 59.4321, 70.5692)
contains.

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Color

**XYZ(60.4652, 59.4377,
70.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C5D4
RGB	217, 197, 212
RGB Percent	85%, 77%, 83%
CMY	0.1490, 0.2274, 0.1686
CMYK	0.00, 0.09, 0.02, 0.15
HSL	315°, 21%, 81%
HSV	315°, 9%, 85%
XYZ	60.4652, 59.4377, 70.5731
YIQ	204.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

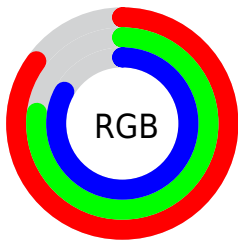
Format	Color
R _Y B	217, 197, 212
Decimal	14271956
CIE Lab	81.53, 9.63, -4.93
CIE LCh	82, 10.816, 332.907
Yxy	59.4377, 0.3174, 0.3120
Android (android.graphics.Color)	4292462036 (0xFFD9C5D4)
YUV	204.6900, 3.6038, 10.7959
Hunter-Lab	77.0958, 5.0773, -0.3066

Details

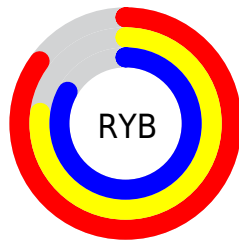
The XYZ color **60.4652, 59.4377, 70.5731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5018, 65.7619, 65.4903**, and the grayscale version is **57.8076, 60.8181, 66.2309**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.8086, 29.7606, 36.0189** is the 20% darker color. If you saturate the color by 10%, you get **55.2157, 50.0150, 65.5032**, and if you desaturate by 10%, it is **66.4504, 70.2933, 76.0031**.

Distribution



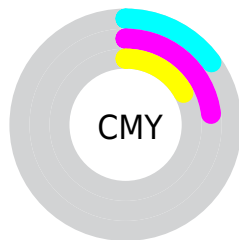
- Red (85%)
- Green (77%)
- Blue (83%)



- Red (85%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4652, 59.4377, 70.5731 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 60.4652, 59.4377, 70.5731 by changing the saturation by 10% instead.

60.4652, 59.4377,
70.5731

60.4652, 59.4377,
70.5731

416.1177,
422.5220, 481.4031

44.0446, 42.9656,
51.5142

104.6067,
104.0135, 121.7144

30.9036, 29.8581,
36.2384

133.0583,
132.8861, 154.6340

20.6769, 19.7309,
24.3272

166.2510,
166.6608, 193.0108

12.9992, 12.1996,
15.3621

204.5501,
205.7222, 237.2634

7.5050, 6.8798,
8.9245

248.3210,
250.4546, 287.8104

3.8290, 3.3870,
4.5958

297.9289,

1.6058, 1.3370,

301.2425, 345.0704

1.9576

353.7394,
358.4701, 409.4617

■ 0.3962, 0.1696,
0.5290

■ 0.0000, 0.0000,
0.0000

■ 60.4652, 59.4377,
70.5731

■ 60.4652, 59.4377,
70.5731

■ 55.2157, 50.0150,
65.5032

■ 66.4504, 70.2933,
76.0031

■ 50.6663, 41.9570,
60.7784

■ 73.1948, 82.6309,
81.8001

■ 46.7863, 35.2015,
56.3880

■ 78.4181, 91.8889,
87.2057

■ 43.5405, 29.6787,
52.3192

■ 79.1847, 92.1955,
91.2425

40.8903, 25.3118,
48.5579

79.9752, 92.5117,
95.4049

38.7929, 22.0157,
45.0888

80.7897, 92.8375,
99.6942

37.1998, 19.6934,
41.8944

81.6285, 93.1730,
104.1113

36.0534, 18.2302,
38.9544

82.4257, 93.4919,
108.3092

35.2599, 17.4392,
36.2362

Harmonies

Analogous

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



58.8959, 59.4377, 75.7779



60.4652, 59.4377, 70.5731



60.9613, 59.4377, 64.0863

Triad

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



60.4652, 59.4377, 70.5731



56.2729, 59.4377, 53.0299



52.9115, 59.4377, 71.7416

Complementary

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



60.4652, 59.4377, 70.5731



58.5018, 65.7619, 65.4903

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.



52.2500, 59.4377, 65.3529



60.4652, 59.4377, 70.5731



54.1578, 59.4377, 54.7894

Square

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



60.4652, 59.4377, 70.5731



58.5030, 59.4377, 54.2246



52.7001, 59.4377, 59.1952



54.5311, 59.4377, 76.4836

Rectangle

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



60.4652, 59.4377, 70.5731



60.6061, 59.4377, 59.9776



52.7001, 59.4377, 59.1952



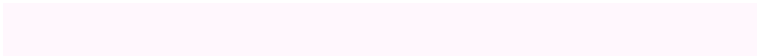
52.5717, 59.4377, 69.7009

Sweetspot

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



60.4669, 59.4403, 70.5744



92.3514, 95.0932, 106.4887



56.8502, 57.5018, 73.7492



19.6162, 20.0802, 22.6568



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.



60.4669, 59.4403, 70.5744



85.6365, 82.9473, 100.2925



59.2443, 58.9512, 64.1359



13.4680, 13.2163, 15.7258



21.3542, 10.5427, 22.0431



1.4171, 0.6965, 1.6053

Inverse Universe

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



60.4669, 59.4403, 70.5744



85.6365, 82.9473, 100.2925



59.7245, 66.2510, 71.9288



13.4680, 13.2163, 15.7258



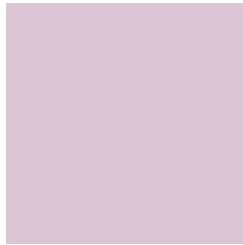
21.3542, 10.5427, 22.0431



1.4171, 0.6965, 1.6053

Previews

White Background



This preview shows how the XYZ color 60.4652, 59.4377, 70.5731 looks on a white background.

Color Contrast Check

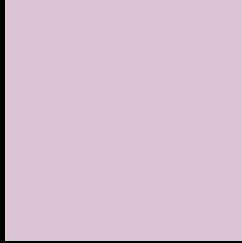
Large Text (above 18pt) WCAG AA × Fail

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 60.4652, 59.4377, 70.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

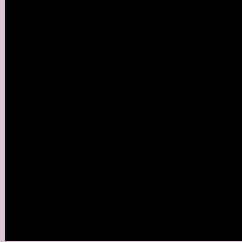
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4652, 59.4377, 70.5731

Background



This preview shows how black text looks on a background with the XYZ color 60.4652, 59.4377, 70.5731.



This preview shows how white text looks on a background with the XYZ color 60.4652, 59.4377,

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

60.4652, 59.4377, 70.5731

Protanopia

57.7810, 59.3761, 72.7053

Deuteranopia

60.7634, 59.5914, 70.5871



Tritanopia

60.4652, 59.4377, 70.5731

Trichromacy



Original Color

60.4652, 59.4377, 70.5731

Protanomaly

58.8043, 59.5735, 72.0178

Deuteranomaly

60.7634, 59.5914, 70.5871

Tritanomaly

60.4652, 59.4377, 70.5731

Monochromacy



Original Color

60.4652, 59.4377, 70.5731

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8002, 60.3504, 68.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4652, 59.4377, 70.5731 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(217, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 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(217, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.4652, 59.4377, 70.5731 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(217, 197, 212) }
```


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

```
.border{ border-color:rgb(217, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4652, 59.4377, 70.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 212) }
```

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

```
.background{ background-color: rgb(217,  
197, 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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