

Converting Colors

XYZ(61.2496, 59.9825, 70.6411)

Have a look what the booklet for
XYZ(61.2496, 59.9825, 70.6411)
contains.

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Color

**XYZ(61.0633, 59.7460,
70.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC5D4
RGB	219, 197, 212
RGB Percent	86%, 77%, 83%
CMY	0.1412, 0.2274, 0.1686
CMYK	0.00, 0.10, 0.03, 0.14
HSL	319°, 23%, 82%
HSV	319°, 10%, 86%
XYZ	61.0633, 59.7460, 70.6011
YIQ	205.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

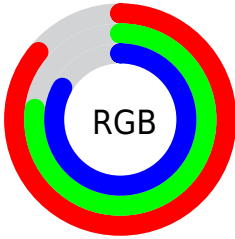
Format	Color
R _Y B	219, 197, 212
Decimal	14403028
CIE Lab	81.70, 10.32, -4.66
CIE LCh	82, 11.320, 335.698
Yxy	59.7460, 0.3190, 0.3121
Android (android.graphics.Color)	4292593108 (0xFFDBC5D4)
YUV	205.2880, 3.3090, 12.0254
Hunter-Lab	77.2955, 5.7474, -0.0481

Details

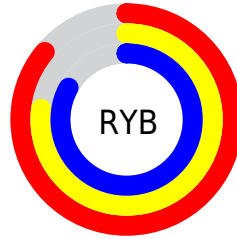
The XYZ color **61.0633, 59.7460, 70.6011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2588, 66.8945, 66.9185**, and the grayscale version is **58.1889, 61.2193, 66.6678**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.2181, 29.9718, 36.0380** is the 20% darker color. If you saturate the color by 10%, you get **55.5875, 50.1704, 64.5319**, and if you desaturate by 10%, it is **67.3029, 70.7868, 77.1136**.

Distribution



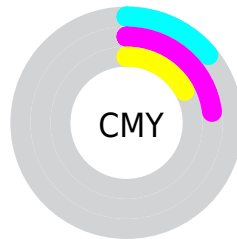
- Red (86%)
- Green (77%)
- Blue (83%)



- Red (86%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0633, 59.7460, 70.6011 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 61.0633, 59.7460, 70.6011 by changing the saturation by 10% instead.

61.0633, 59.7460,
70.6011

61.0633, 59.7460,
70.6011

418.2783,
423.6609, 481.5038

44.5290, 43.2139,
51.5369

105.4682,
104.4611, 121.7547

31.2863, 30.0530,
36.2564

134.0695,
133.4130, 154.6812

20.9698, 19.8788,
24.3410

167.4238,
167.2735, 193.0655

13.2143, 12.3070,
15.3722

205.8965,
206.4272, 237.3263

7.6543, 6.9531,
8.9315

249.8529,
251.2584, 287.8819

3.9245, 3.4328,
4.6003

299.6585,

1.6595, 1.3616,

302.1515, 345.1510

1.9601

355.6785,
359.4908, 409.5521

■ 0.4307, 0.1882,
0.5306

■ 0.0000, 0.0000,
0.0000

■ 61.0633, 59.7460,
70.6011

■ 61.0633, 59.7460,
70.6011

■ 55.5875, 50.1704,
64.5319

■ 67.3029, 70.7868,
77.1136

■ 50.8388, 41.9899,
58.8893

■ 74.3307, 83.3433,
84.0776

■ 46.7853, 35.1405,
53.6610

■ 79.6688, 92.4583,
90.6702

■ 43.3904, 29.5500,
48.8323

■ 80.6839, 92.8643,
96.0157

■ 40.6142, 25.1391,
44.3875

■ 81.7388, 93.2863,
101.5707

■ 38.4122, 21.8199,
40.3093

■ 82.8339, 93.7243,
107.3375

■ 36.7337, 19.4918,
36.5780

■ 83.0238, 93.8003,
108.3372

■ 35.5186, 18.0353,
33.1712

■ 34.6632, 17.2400,
30.0635

Harmonies

Analogous

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



59.5009, 59.7460, 76.2954



61.0633, 59.7460, 70.6011



61.4663, 59.7460, 63.7598

Triad

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



61.0633, 59.7460, 70.6011



56.3333, 59.7460, 52.8567



53.1486, 59.7460, 73.0097

Complementary

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



61.0633, 59.7460, 70.6011



59.2588, 66.8945, 66.9185

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.



52.3510, 59.7460, 66.3640



61.0633, 59.7460, 70.6011



54.1564, 59.7460, 54.9735

Square

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



61.0633, 59.7460, 70.6011



58.6923, 59.7460, 53.8179



52.7147, 59.7460, 59.8039



54.9230, 59.7460, 77.7526

Rectangle

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



61.0633, 59.7460, 70.6011



61.0138, 59.7460, 59.5305



52.7147, 59.7460, 59.8039



52.7596, 59.7460, 70.9074

Sweetspot

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



61.0650, 59.7486, 70.6024



92.2684, 95.0600, 106.0514



57.6475, 57.8826, 75.1528



19.5938, 20.0712, 22.5385



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.



61.0650, 59.7486, 70.6024



84.5248, 81.3952, 97.8520



59.7282, 59.2139, 63.5630



13.4289, 13.2006, 15.5197



20.6052, 10.2431, 18.0988



1.3734, 0.6790, 1.3753

Inverse Universe

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



61.0650, 59.7486, 70.6024



84.5248, 81.3952, 97.8520



60.6208, 67.4394, 74.0909



13.4289, 13.2006, 15.5197



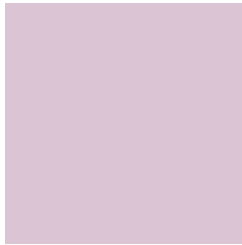
20.6052, 10.2431, 18.0988



1.3734, 0.6790, 1.3753

Previews

White Background



This preview shows how the XYZ color 61.0633, 59.7460, 70.6011 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 61.0633, 59.7460, 70.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

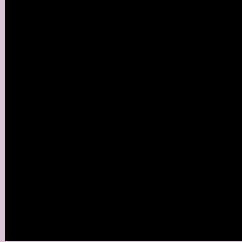
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0633, 59.7460, 70.6011

Background



This preview shows how black text looks on a background with the XYZ color 61.0633, 59.7460, 70.6011.



This preview shows how white text looks on a background with the XYZ color 61.0633, 59.7460,

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

61.0633, 59.7460, 70.6011

Protanopia

58.0149, 59.8439, 72.7833

Deuteranopia

61.0633, 59.7460, 70.6011



Tritanopia

61.0633, 59.7460, 70.6011

Trichromacy



Original Color

61.0633, 59.7460, 70.6011

Protanomaly

59.0864, 59.7189, 72.0310

Deuteranomaly

61.0633, 59.7460, 70.6011

Tritanomaly

61.0633, 59.7460, 70.6011

Monochromacy



Original Color

61.0633, 59.7460, 70.6011

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.0840, 60.4968, 68.2375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0633, 59.7460, 70.6011 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(219, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.0633, 59.7460, 70.6011 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(219, 197, 212) }
```


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

```
.border{ border-color:rgb(219, 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(219, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0633, 59.7460, 70.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 212) }
```

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

```
.background{ background-color: rgb(219,  
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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