

Converting Colors

XYZ(61.3523, 58.2898, 68.0200)

Have a look what the booklet for
XYZ(61.3523, 58.2898, 68.0200)
contains.

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Color

**XYZ(61.4096, 58.3103,
68.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C0D1
RGB	225, 192, 209
RGB Percent	88%, 75%, 82%
CMY	0.1176, 0.2470, 0.1804
CMYK	0.00, 0.15, 0.07, 0.12
HSL	329°, 35%, 82%
HSV	329°, 15%, 88%
XYZ	61.4096, 58.3103, 68.3400
YIQ	203.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

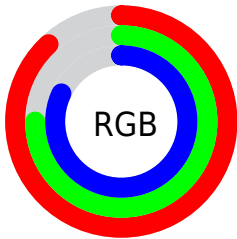
Format	Color
R _Y B	225, 192, 209
Decimal	14794961
CIE Lab	80.91, 14.53, -4.15
CIE LCh	81, 15.112, 344.059
Yxy	58.3103, 0.3265, 0.3101
Android (android.graphics.Color)	4292985041 (0xFFE1C0D1)
YUV	203.8050, 2.5611, 18.5880
Hunter-Lab	76.3612, 9.9175, 0.3908

Details

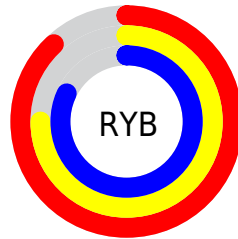
The XYZ color **61.4096, 58.3103, 68.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0509, 69.6125, 69.9493**, and the grayscale version is **57.2509, 60.2324, 65.5931**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **31.5824, 29.0896, 34.9606** is the 20% darker color. If you saturate the color by 10%, you get **55.5374, 48.6534, 59.9450**, and if you desaturate by 10%, it is **68.1329, 69.5198, 77.4765**.

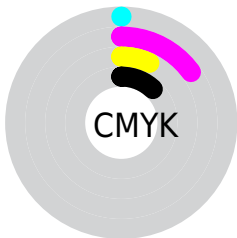
Distribution



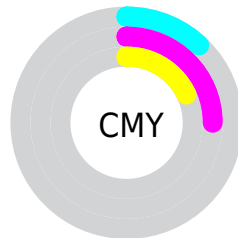
- Red (88%)
- Green (75%)
- Blue (82%)



- Red (88%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4096, 58.3103, 68.3400 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 61.4096, 58.3103, 68.3400 by changing the saturation by 10% instead.


 61.4096, 58.3103,
68.3400

 61.4096, 58.3103,
68.3400


419.5262,
418.3412, 473.3304

 44.8096, 42.0582,
49.7060


 105.9665,
102.3746, 118.4972

 31.5081, 29.1468,
34.8103

134.6542,
130.9555, 150.8575

 21.1398, 19.1919,
23.2344


168.1018,
164.4149, 188.6303

 13.3393, 11.8090,
14.5598

206.6747,
203.1370, 232.2341

 7.7412, 6.6138,
8.3678

250.7382,
247.5063, 282.0874

 3.9802, 3.2218,
4.2401

300.6577,

 1.6909, 1.2486,

297.9071, 338.6089

1.7579

356.7986,
354.7240, 402.2171

■ 0.4506, 0.1009,
0.4000

■ 0.0000, 0.0000,
0.0000

■ 61.4096, 58.3103,
68.3400

■ 61.4096, 58.3103,
68.3400

■ 55.5374, 48.6534,
59.9450

■ 68.1329, 69.5198,
77.4765

■ 50.4752, 40.4724,
52.2667

■ 75.7362, 82.3388,
87.3709

■ 46.1860, 33.6952,
45.2841

■ 82.7985, 93.9225,
97.5588

■ 42.6279, 28.2412,
38.9736

■ 84.4844, 94.5968,
106.4367

■ 39.7544, 24.0209,
33.3096

■ 84.8617, 94.7477,
108.4232

■ 37.5139, 20.9340,
28.2646

■ 35.8462, 18.8640,
23.8078

■ 34.6786, 17.6689,
19.9036

■ 34.1981, 17.2663,
18.0219

Harmonies

Analogous

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



59.7112, 58.3103, 76.6920



61.4096, 58.3103, 68.3400



61.4644, 58.3103, 59.3966

Triad

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



61.4096, 58.3103, 68.3400



53.9738, 58.3103, 48.2022



51.2109, 58.3103, 76.2389

Complementary

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



61.4096, 58.3103, 68.3400



60.0509, 69.6125, 69.9493

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.



49.7895, 58.3103, 67.7673



61.4096, 58.3103, 68.3400



51.3436, 58.3103, 51.8973

Square

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



61.4096, 58.3103, 68.3400



57.0908, 58.3103, 48.3242



49.8372, 58.3103, 58.8751



53.7865, 58.3103, 81.5369

Rectangle

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



61.4096, 58.3103, 68.3400



60.5564, 58.3103, 54.3226



49.8372, 58.3103, 58.8751



50.5867, 58.3103, 73.6348

Sweetspot

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



61.4113, 58.3129, 68.3412



91.0957, 93.3494, 103.7038



58.4409, 56.5411, 79.0683



19.3436, 19.7213, 21.9917



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.



61.4113, 58.3129, 68.3412



78.7363, 72.7785, 86.7962



59.4786, 57.5398, 58.1638



14.0005, 13.8178, 15.7728



19.7656, 9.9733, 10.6976



1.4153, 0.7094, 0.9796

Inverse Universe

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



61.4113, 58.3129, 68.3412



78.7363, 72.7785, 86.7962



62.1809, 70.4645, 81.1660



14.0005, 13.8178, 15.7728



19.7656, 9.9733, 10.6976



1.4153, 0.7094, 0.9796

Previews

White Background



This preview shows how the XYZ color 61.4096, 58.3103, 68.3400 looks on a white background.

Color Contrast Check

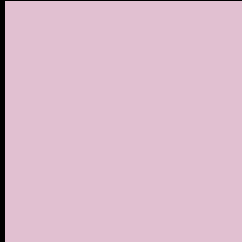
Large Text (above 18pt) WCAG AA × Fail

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 61.4096, 58.3103, 68.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

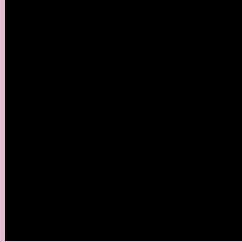
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4096, 58.3103, 68.3400

Background



This preview shows how black text looks on a background with the XYZ color 61.4096, 58.3103, 68.3400.

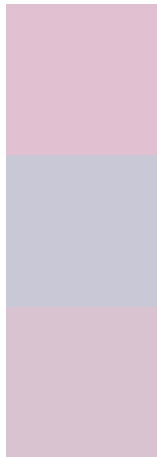


This preview shows how white text looks on a background with the XYZ color 61.4096, 58.3103,

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

61.4096, 58.3103, 68.3400

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.5155, 58.3360, 67.7977



Tritanopia

61.1635, 58.2118, 67.0438

Trichromacy



Original Color

61.4096, 58.3103, 68.3400

Protanomaly

58.4283, 58.3876, 70.4778

Deuteranomaly

60.1922, 58.3533, 67.7653

Tritanomaly

61.2861, 58.2609, 67.6899

Monochromacy



Original Color

61.4096, 58.3103, 68.3400

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.9462, 59.7618, 66.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4096, 58.3103, 68.3400 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(225, 192, 209)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 209)  
}
```

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(225, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.4096, 58.3103, 68.3400 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(225, 192, 209) }
```


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

```
.border{ border-color:rgb(225, 192, 209) }
```

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

Here you see how a box with a 4 pixel rgb(225, 192, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4096, 58.3103, 68.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 209) }
```

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

```
.background{ background-color: rgb(225,  
192, 209) }
```

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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