

Converting Colors

XYZ(65.8069, 61.5352, 70.6044)

Have a look what the booklet for
XYZ(65.8069, 61.5352, 70.6044)
contains.

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Color

**XYZ(65.6597, 61.4458,
70.6869)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC3D4
RGB	235, 195, 212
RGB Percent	92%, 76%, 83%
CMY	0.0784, 0.2353, 0.1686
CMYK	0.00, 0.17, 0.10, 0.08
HSL	335°, 50%, 84%
HSV	335°, 17%, 92%
XYZ	65.6597, 61.4458, 70.6869
YIQ	208.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

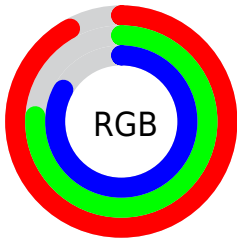
Format	Color
R _Y B	235, 195, 212
Decimal	15451092
CIE Lab	82.62, 16.92, -3.15
CIE LCh	83, 17.214, 349.470
Yxy	61.4458, 0.3320, 0.3107
Android (android.graphics.Color)	4293641172 (0xFFEBC3D4)
YUV	208.8980, 1.5293, 22.8915
Hunter-Lab	78.3874, 12.3393, 1.4056

Details

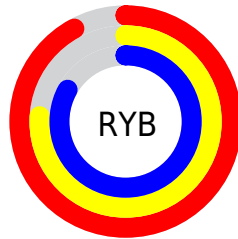
The XYZ color **65.6597, 61.4458, 70.6869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.8713, 76.0823, 77.5996**, and the grayscale version is **60.5212, 63.6730, 69.3399**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.2011, 31.0678, 36.0924** is the 20% darker color. If you saturate the color by 10%, you get **59.1692, 51.0792, 60.4620**, and if you desaturate by 10%, it is **73.1250, 73.5322, 81.9422**.

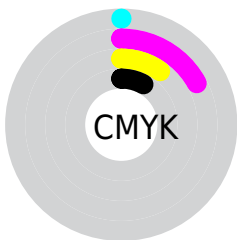
Distribution



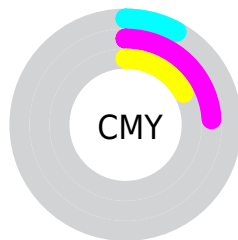
- Red (92%)
- Green (76%)
- Blue (83%)



- Red (92%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6597, 61.4458, 70.6869 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 65.6597, 61.4458, 70.6869 by changing the saturation by 10% instead.


 65.6597, 61.4458,
70.6869

 65.6597, 61.4458,
70.6869

434.6667,
429.9067, 481.8123

 48.2629, 44.5850,
51.6065


 112.0582,
106.9242, 121.8781

 34.2472, 31.1307,
36.3114


141.7906,
136.3105, 154.8259

 23.2474, 20.6984,
24.3832


176.3656,
170.6409, 193.2333

 14.8980, 12.9037,
15.4033

216.1485,
210.2997, 237.5188

 8.8337, 7.3623,
8.9532

261.5048,
255.6713, 288.1009

 4.6891, 3.6897,
4.6142

312.7996,

 2.0989, 1.5015,

307.1400, 345.3981

1.9680

370.3985,
365.0904, 409.8291

0.6886, 0.2898,
0.5355

0.0000, 0.0000,
0.0000

65.6597, 61.4458,
70.6869

65.6597, 61.4458,
70.6869

59.1692, 51.0792,
60.4620

73.1250, 73.5322,
81.9422

53.6062, 42.3455,
51.2323

81.5994, 87.4037,
94.2538

48.9270, 35.1624,
42.9664

87.6782, 96.2451,
106.5033

45.0823, 29.4374,
35.6291

88.0713, 96.4024,
108.5734

■ 42.0178, 25.0679,
29.1828

■ 39.6718, 21.9376,
23.5869

■ 37.9731, 19.9105,
18.7960

■ 36.8304, 18.8116,
14.7572

■ 36.5549, 18.5798,
13.6811

Harmonies

Analogous

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



63.9630, 61.4458, 80.9973



65.6597, 61.4458, 70.6869



65.3507, 61.4458, 60.3570

Triad

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



65.6597, 61.4458, 70.6869



56.0692, 61.4458, 49.5159



53.9117, 61.4458, 83.5679

Complementary

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



65.6597, 61.4458, 70.6869



64.8713, 76.0823, 77.5996

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.



51.9649, 61.4458, 73.9082



65.6597, 61.4458, 70.6869



53.1738, 61.4458, 54.5484

Square

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



65.6597, 61.4458, 70.6869



59.7087, 61.4458, 48.8483



51.7006, 61.4458, 63.2586



57.1152, 61.4458, 88.9370

Rectangle

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



65.6597, 61.4458, 70.6869



64.0528, 61.4458, 54.8003



51.7006, 61.4458, 63.2586



53.0945, 61.4458, 80.6704

Sweetspot

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



65.6615, 61.4485, 70.6882



89.9584, 91.6699, 101.4899



63.3266, 59.8854, 86.8194



19.1070, 19.3800, 21.5057



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.



65.6615, 61.4485, 70.6882



76.5154, 69.9187, 81.1786



64.2314, 61.8410, 60.1841



15.3311, 15.1603, 17.0288



20.4051, 10.3647, 7.9344



1.6495, 0.8328, 0.8716

Inverse Universe

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



65.6615, 61.4485, 70.6882



76.5154, 69.9187, 81.1786



66.4536, 75.5029, 89.6691



15.3311, 15.1603, 17.0288



20.4051, 10.3647, 7.9344



1.6495, 0.8328, 0.8716

Previews

White Background



This preview shows how the XYZ color 65.6597, 61.4458, 70.6869 looks on a white background.

Color Contrast Check

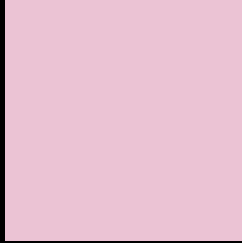
Large Text (above 18pt) WCAG AA × Fail

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 65.6597, 61.4458, 70.6869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

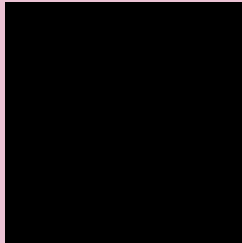
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6597, 61.4458, 70.6869

Background



This preview shows how black text looks on a background with the XYZ color 65.6597, 61.4458, 70.6869.



This preview shows how white text looks on a background with the XYZ color 65.6597, 61.4458,

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

65.6597, 61.4458, 70.6869

Protanopia

59.9398, 61.8464, 75.1081

Deuteranopia

62.8436, 61.6997, 70.2250



Tritanopia

65.4089, 61.3455, 69.3662

Trichromacy



Original Color

65.6597, 61.4458, 70.6869

Protanomaly

61.8966, 61.4829, 73.5708

Deuteranomaly

63.6305, 61.4222, 70.1300

Tritanomaly

65.5339, 61.3955, 70.0245

Monochromacy



Original Color

65.6597, 61.4458, 70.6869

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1392, 62.7443, 69.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6597, 61.4458, 70.6869 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(235, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 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(235, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 212) }
```

Border

The CSS property to change the border of an element to XYZ 65.6597, 61.4458, 70.6869 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(235, 195, 212) }
```


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

```
.border{ border-color:rgb(235, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6597, 61.4458, 70.6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 212) }
```

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

```
.background{ background-color: rgb(235,  
195, 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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