

Converting Colors

XYZ(65.6239, 61.5086, 67.6497)

Have a look what the booklet for
XYZ(65.6239, 61.5086, 67.6497)
contains.

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Color

**XYZ(65.7026, 61.5397,
67.4469)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC3CF
RGB	237, 195, 207
RGB Percent	93%, 76%, 81%
CMY	0.0706, 0.2353, 0.1882
CMYK	0.00, 0.18, 0.13, 0.07
HSL	343°, 54%, 85%
HSV	343°, 18%, 93%
XYZ	65.7026, 61.5397, 67.4469
YIQ	208.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

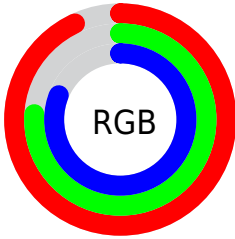
Format	Color
R _Y B	237, 195, 207
Decimal	15582159
CIE Lab	82.67, 16.80, -0.37
CIE LCh	83, 16.808, 358.732
Yxy	61.5397, 0.3375, 0.3161
Android (android.graphics.Color)	4293772239 (0xFFEDC3CF)
YUV	208.9260, -0.9495, 24.6209
Hunter-Lab	78.4472, 12.2180, 3.9371

Details

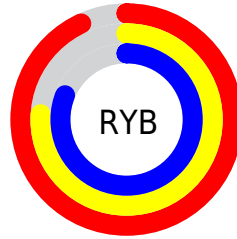
The XYZ color **65.7026, 61.5397, 67.4469** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3829, 77.6082, 82.7190**, and the grayscale version is **60.5538, 63.7074, 69.3773**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.3307, 31.1734, 34.3446** is the 20% darker color. If you saturate the color by 10%, you get **58.8480, 50.9669, 55.4918**, and if you desaturate by 10%, it is **73.6254, 73.8924, 80.8546**.

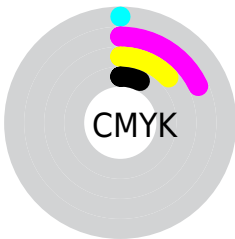
Distribution



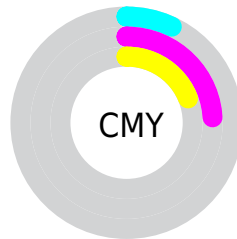
- Red (93%)
- Green (76%)
- Blue (81%)



- Red (93%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7026, 61.5397, 67.4469 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 65.7026, 61.5397, 67.4469 by changing the saturation by 10% instead.

 65.7026, 61.5397,
67.4469

 65.7026, 61.5397,
67.4469


434.8179,
430.2501, 470.0786

 48.2978, 44.6609,
48.9840


 112.1195,
107.0600, 117.2073

 34.2750, 31.1904,
34.2413

141.8623,
136.4702, 149.3418

 23.2689, 20.7439,
22.8002

176.4485,
170.8264, 186.8707

 14.9139, 12.9369,
14.2421

216.2435,
210.5129, 230.2124

 8.8449, 7.3851,
8.1486

261.6125,
255.9142, 279.7855

 4.6965, 3.7041,
4.1010

312.9211,

 2.1032, 1.5095,

307.4145, 336.0086

1.6809

370.5344,
365.3983, 399.3001

■ 0.6910, 0.2954,
0.3476

■ 0.0000, 0.0000,
0.0000

■ 65.7026, 61.5397,
67.4469

■ 65.7026, 61.5397,
67.4469

■ 58.8480, 50.9669,
55.4918

■ 73.6254, 73.8924,
80.8546

■ 53.0099, 42.0835,
44.9356

■ 82.6549, 88.0934,
95.7583

■ 48.1397, 34.8037,
35.7265

■ 88.7353, 96.7447,
108.6045

■ 44.1829, 29.0307,
27.8083

■ 41.0793, 24.6573,
21.1204

■ 38.7610, 21.5617,
15.5968

■ 37.1491, 19.6013,
11.1646

■ 36.1393, 18.5841,
7.7380

■ 35.9595, 18.4183,
7.0804

Harmonies

Analogous

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



64.6219, 61.5397, 77.8531



65.7026, 61.5397, 67.4469



64.7861, 61.5397, 57.9050

Triad

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



65.7026, 61.5397, 67.4469



55.2208, 61.5397, 51.0554



54.9653, 61.5397, 85.4570

Complementary

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



65.7026, 61.5397, 67.4469



66.3829, 77.6082, 82.7190

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.



52.6187, 61.5397, 77.0145



65.7026, 61.5397, 67.4469



52.7619, 61.5397, 57.2168

Square

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



65.7026, 61.5397, 67.4469



58.6453, 61.5397, 49.0464



51.8286, 61.5397, 66.5676



58.3383, 61.5397, 88.8891

Rectangle

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



65.7026, 61.5397, 67.4469



63.1862, 61.5397, 53.1590



51.8286, 61.5397, 66.5676



54.0355, 61.5397, 83.0709

Sweetspot

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



65.7043, 61.5425, 67.4482



89.6846, 91.5604, 100.0479



65.6679, 61.0589, 88.4459



19.0405, 19.3534, 21.1558



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.



65.7043, 61.5425, 67.4482



74.7231, 68.2400, 74.7060



66.2279, 64.8483, 60.6595



15.2424, 15.1248, 16.5616



19.6812, 10.0752, 4.1227



1.5856, 0.8072, 0.5353

Inverse Universe

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



65.7043, 61.5425, 67.4482



74.7231, 68.2400, 74.7060



65.7026, 73.5358, 90.8523



15.2424, 15.1248, 16.5616



19.6812, 10.0752, 4.1227



1.5856, 0.8072, 0.5353

Previews

White Background



This preview shows how the XYZ color 65.7026, 61.5397, 67.4469 looks on a white background.

Color Contrast Check

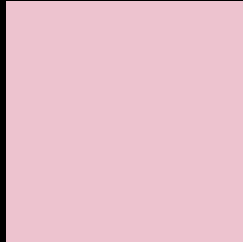
Large Text (above 18pt) WCAG AA × Fail

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 65.7026, 61.5397, 67.4469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

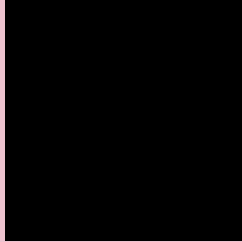
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7026, 61.5397, 67.4469

Background



This preview shows how black text looks on a background with the XYZ color 65.7026, 61.5397, 67.4469.



This preview shows how white text looks on a background with the XYZ color 65.7026, 61.5397,

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

65.7026, 61.5397, 67.4469

Protanopia

59.8540, 61.8766, 71.7395

Deuteranopia

62.9280, 61.4718, 66.9411



Tritanopia

66.0730, 61.6879, 69.3973

Trichromacy



Original Color

65.7026, 61.5397, 67.4469

Protanomaly

61.8579, 61.5365, 70.2455

Deuteranomaly

63.9678, 61.6674, 66.9240

Tritanomaly

65.9488, 61.6382, 68.7431

Monochromacy



Original Color

65.7026, 61.5397, 67.4469

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1914, 62.7999, 68.5183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7026, 61.5397, 67.4469 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(237, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 207)  
}
```

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(237, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.7026, 61.5397, 67.4469 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(237, 195, 207) }
```


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

```
.border{ border-color:rgb(237, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7026, 61.5397, 67.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 207) }
```

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

```
.background{ background-color: rgb(237,  
195, 207) }
```

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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