

Converting Colors

XYZ(64.3797, 61.2205, 67.1084)

Have a look what the booklet for
XYZ(64.3797, 61.2205, 67.1084)
contains.

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Color

**XYZ(64.1592, 61.0919,
66.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C4CE
RGB	232, 196, 206
RGB Percent	91%, 77%, 81%
CMY	0.0902, 0.2314, 0.1922
CMYK	0.00, 0.16, 0.11, 0.09
HSL	343°, 44%, 84%
HSV	343°, 16%, 91%
XYZ	64.1592, 61.0919, 66.8029
YIQ	207.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

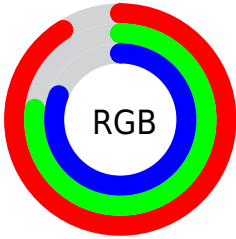
Format	Color
R _Y B	232, 196, 206
Decimal	15254734
CIE Lab	82.43, 14.35, -0.24
CIE LCh	82, 14.351, 359.036
Yxy	61.0919, 0.3341, 0.3181
Android (android.graphics.Color)	4293444814 (0xFFE8C4CE)
YUV	207.9040, -0.9387, 21.1322
Hunter-Lab	78.1613, 9.7406, 4.0389

Details

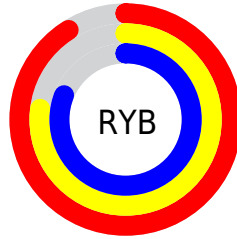
The XYZ color **64.1592, 61.0919, 66.8029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.8088, 74.7244, 80.1183**, and the grayscale version is **59.8911, 63.0101, 68.6180**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.2450, 30.8431, 33.9069** is the 20% darker color. If you saturate the color by 10%, you get **57.3971, 50.6533, 55.0349**, and if you desaturate by 10%, it is **71.9510, 73.2411, 79.9864**.

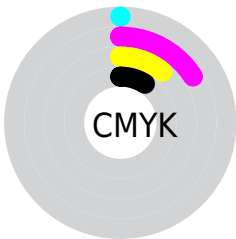
Distribution



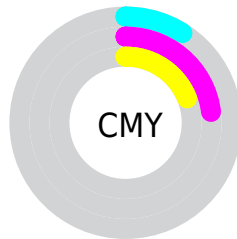
- Red (91%)
- Green (77%)
- Blue (81%)



- Red (91%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1592, 61.0919, 66.8029 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 64.1592, 61.0919, 66.8029 by changing the saturation by 10% instead.

64.1592, 61.0919,
66.8029

64.1592, 61.0919,
66.8029

429.3574,
428.6109, 467.7252

47.0418, 44.2993,
48.4639

109.9126,
106.4120, 116.2759

33.2768, 30.9059,
33.8318

139.2794,
135.7083, 148.2470

22.4988, 20.5272,
22.4881

173.4599,
169.9413, 185.5991

14.3425, 12.7789,
14.0142

212.8196,
209.4955, 228.7509

8.4426, 7.2764,
7.9917

257.7239,
254.7551, 278.1209

4.4336, 3.6356,
4.0019

308.5381,

1.9502, 1.4719,

306.1046, 334.1276

1.6264

365.6274,
363.9284, 397.1895

■ 0.6058, 0.2688,
0.3096

■ 0.0000, 0.0000,
0.0000

■ 64.1592, 61.0919,
66.8029

■ 64.1592, 61.0919,
66.8029

■ 57.3971, 50.6533,
55.0349

■ 71.9510, 73.2411,
79.9864

■ 51.6157, 41.8402,
44.6306

■ 80.8084, 87.1646,
94.6273

■ 46.7696, 34.5727,
35.5404

■ 87.0890, 95.8960,
108.5274

■ 42.8078, 28.7606,
27.7103

■ 39.6742, 24.3045,
21.0821

■ 37.3058, 21.0923,
15.5929

■ 35.6303, 18.9938,
11.1733

■ 34.5597, 17.8490,
7.7446

■ 34.2166, 17.5310,
6.4947

Harmonies

Analogous

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



63.2668, 61.0919, 75.5844



64.1592, 61.0919, 66.8029



63.3718, 61.0919, 58.6594

Triad

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



64.1592, 61.0919, 66.8029



55.2527, 61.0919, 52.8281



55.0868, 61.0919, 82.0642

Complementary

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



64.1592, 61.0919, 66.8029



64.8088, 74.7244, 80.1183

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.



53.0650, 61.0919, 75.0504



64.1592, 61.0919, 66.8029



53.1584, 61.0919, 58.2085

Square

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



64.1592, 61.0919, 66.8029



58.1652, 61.0919, 51.0319



52.3714, 61.0919, 66.2353



57.9670, 61.0919, 84.8589

Rectangle

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



64.1592, 61.0919, 66.8029



62.0153, 61.0919, 54.5719



52.3714, 61.0919, 66.2353



54.2880, 61.0919, 80.0930

Sweetspot

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



64.1609, 61.0946, 66.8042



89.6690, 91.5542, 99.9660



64.3704, 60.8070, 84.6888



19.0368, 19.3519, 21.1360



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.



64.1609, 61.0946, 66.8042



76.3628, 70.8354, 77.3611



64.7899, 64.2346, 61.2116



14.5406, 14.4334, 15.7814



19.0415, 9.7508, 3.8476



1.4456, 0.7360, 0.4871

Inverse Universe

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



64.1609, 61.0946, 66.8042



76.3628, 70.8354, 77.3611



64.0420, 70.9827, 86.6702



14.5406, 14.4334, 15.7814



19.0415, 9.7508, 3.8476



1.4456, 0.7360, 0.4871

Previews

White Background



This preview shows how the XYZ color 64.1592, 61.0919, 66.8029 looks on a white background.

Color Contrast Check

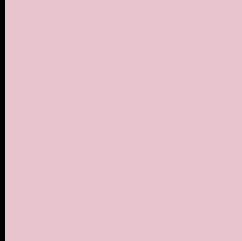
Large Text (above 18pt) WCAG AA × Fail

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 64.1592, 61.0919, 66.8029 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 64.1592, 61.0919, 66.8029

Background



This preview shows how black text looks on a background with the XYZ color 64.1592, 61.0919, 66.8029.



This preview shows how white text looks on a background with the XYZ color 64.1592, 61.0919,

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

64.1592, 61.0919, 66.8029

Protanopia

59.0829, 61.1543, 70.3180

Deuteranopia

62.4942, 61.2622, 66.2886



Tritanopia

64.8773, 61.0570, 69.9938

Trichromacy



Original Color

64.1592, 61.0919, 66.8029

Protanomaly

60.7142, 60.9757, 68.8911

Deuteranomaly

63.2084, 61.2899, 66.2563

Tritanomaly

64.6280, 60.9573, 68.6813

Monochromacy



Original Color

64.1592, 61.0919, 66.8029

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4706, 62.4424, 67.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1592, 61.0919, 66.8029 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(232, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 206)  
}
```

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(232, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.1592, 61.0919, 66.8029 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(232, 196, 206) }
```


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

```
.border{ border-color:rgb(232, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1592, 61.0919, 66.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 206) }
```

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

```
.background{ background-color: rgb(232,  
196, 206) }
```

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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