

Converting Colors

XYZ(64.0394, 60.0404, 76.2531)

Have a look what the booklet for
XYZ(64.0394, 60.0404, 76.2531)
contains.

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Color

**XYZ(64.2050, 60.2449,
75.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C2DC
RGB	228, 194, 220
RGB Percent	89%, 76%, 86%
CMY	0.1059, 0.2392, 0.1372
CMYK	0.00, 0.15, 0.04, 0.11
HSL	314°, 39%, 83%
HSV	314°, 15%, 89%
XYZ	64.2050, 60.2449, 75.9546
YIQ	207.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

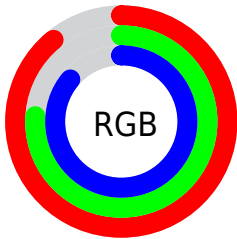
Format	Color
R _Y B	228, 194, 220
Decimal	14992092
CIE Lab	81.97, 16.42, -8.46
CIE LCh	82, 18.474, 332.746
Yxy	60.2449, 0.3204, 0.3006
Android (android.graphics.Color)	4293182172 (0xFFE4C2DC)
YUV	207.1300, 6.3449, 18.3030
Hunter-Lab	77.6176, 11.8238, -3.6874

Details

The XYZ color **64.2050, 60.2449, 75.9546** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.6546, 71.2221, 66.4309**, and the grayscale version is **59.3485, 62.4392, 67.9963**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.1829, 30.2434, 39.6859** is the 20% darker color. If you saturate the color by 10%, you get **58.8160, 50.5852, 70.7089**, and if you desaturate by 10%, it is **70.3988, 71.4760, 81.5826**.

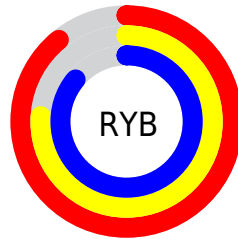
Distribution



Red (89%)

Green (76%)

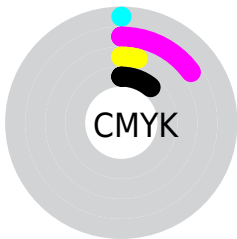
Blue (86%)



Red (89%)

Yellow (76%)

Blue (86%)

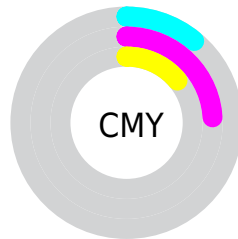


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2050, 60.2449, 75.9546 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 64.2050, 60.2449, 75.9546 by changing the saturation by 10% instead.


 64.2050, 60.2449,
75.9546

 64.2050, 60.2449,
75.9546


429.5201,
425.4999, 500.5350

 47.0790, 43.6161,
55.8888


 109.9782,
105.1848, 129.4222

 33.3063, 30.3688,
39.7104

139.3561,
134.2647, 163.6612

 22.5216, 20.1187,
27.0008


173.5488,
168.2638, 203.4616

 14.3594, 12.4813,
17.3414

212.9215,
207.5663, 249.2421

 8.4544, 7.0724,
10.3136

257.8396,
252.5568, 301.4211

 4.4413, 3.5074,
5.4991

308.6685,

 1.9547, 1.4020,

303.6197, 360.4172

2.4792

365.7736,
361.1392, 426.6490

0.6083, 0.2182,
0.8291

0.0000, 0.0000,
0.0000

64.2050, 60.2449,
75.9546

64.2050, 60.2449,
75.9546

58.8160, 50.5852,
70.7089

70.3988, 71.4760,
81.5826

54.1910, 42.4182,
65.8286

77.4255, 84.3368,
87.6010

50.2935, 35.6701,
61.3012

82.9099, 94.0760,
93.2199

47.0816, 30.2581,
57.1118

83.7018, 94.3928,
97.3903

■ 44.5094, 26.0902,
53.2439

■ 84.5174, 94.7190,
101.6851

■ 42.5251, 23.0633,
49.6791

■ 85.3568, 95.0548,
106.1054

■ 41.0684, 21.0573,
46.3963

■ 85.8054, 95.2342,
108.4674

■ 40.0656, 19.9251,
43.3698

■ 39.6692, 19.5637,
41.9073

Harmonies

Analogous

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



61.4229, 60.2449, 85.4152



64.2050, 60.2449, 75.9546



65.1003, 60.2449, 64.5709

Triad

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



64.2050, 60.2449, 75.9546



56.9017, 60.2449, 46.3613



51.1698, 60.2449, 77.9407

Complementary

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



64.2050, 60.2449, 75.9546



60.6546, 71.2221, 66.4309

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.



50.0777, 60.2449, 66.6328



64.2050, 60.2449, 75.9546



53.2914, 60.2449, 49.1082

Square

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



64.2050, 60.2449, 75.9546



60.7719, 60.2449, 48.2630



50.8366, 60.2449, 56.2256



53.8879, 60.2449, 86.6505

Rectangle

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



64.2050, 60.2449, 75.9546



64.4751, 60.2449, 57.6218



50.8366, 60.2449, 56.2256



50.6061, 60.2449, 74.2749

Sweetspot

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



64.2068, 60.2475, 75.9559



91.4978, 93.5102, 105.8213



57.6370, 56.7353, 81.3130



19.4455, 19.7620, 22.5282



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.



64.2068, 60.2475, 75.9559



80.4243, 73.4537, 95.6853



62.0763, 59.3953, 64.7369



14.8424, 14.5542, 17.3707



22.9542, 11.3159, 24.4516



1.7314, 0.8503, 1.9922

Inverse Universe

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



64.2068, 60.2475, 75.9559



80.4243, 73.4537, 95.6853



62.7710, 72.0687, 77.5758



14.8424, 14.5542, 17.3707



22.9542, 11.3159, 24.4516



1.7314, 0.8503, 1.9922

Previews

White Background



This preview shows how the XYZ color 64.2050, 60.2449, 75.9546 looks on a white background.

Color Contrast Check

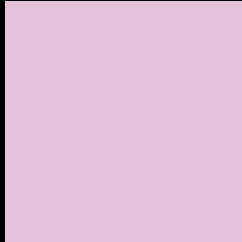
Large Text (above 18pt) WCAG AA × Fail

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 64.2050, 60.2449, 75.9546 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 64.2050, 60.2449, 75.9546

Background



This preview shows how black text looks on a background with the XYZ color 64.2050, 60.2449, 75.9546.



This preview shows how white text looks on a background with the XYZ color 64.2050, 60.2449,

75.9546.

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

64.2050, 60.2449, 75.9546

Protanopia

59.0339, 60.5656, 79.8131

Deuteranopia

61.5955, 60.2544, 75.4017



Tritanopia

63.1764, 60.5139, 69.9786

Trichromacy



Original Color

64.2050, 60.2449, 75.9546

Protanomaly

60.8375, 60.4852, 78.2804

Deuteranomaly

62.5712, 60.4191, 75.3820

Tritanomaly

63.3313, 60.2161, 71.9033

Monochromacy



Original Color

64.2050, 60.2449, 75.9546

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.0285, 61.4416, 70.9302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2050, 60.2449, 75.9546 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(228, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 194, 220)  
}
```

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(228, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 194, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.2050, 60.2449, 75.9546 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(228, 194, 220) }
```


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

```
.border{ border-color:rgb(228, 194, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 194, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 194, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 194,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2050, 60.2449, 75.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 194, 220) }
```

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

```
.background{ background-color: rgb(228,  
194, 220) }
```

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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