

Converting Colors

XYZ(64.4968, 60.5745, 68.9163)

Have a look what the booklet for
XYZ(64.4968, 60.5745, 68.9163)
contains.

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Color

**XYZ(64.4047, 60.5107,
68.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C2D1
RGB	233, 194, 209
RGB Percent	91%, 76%, 82%
CMY	0.0863, 0.2392, 0.1804
CMYK	0.00, 0.17, 0.10, 0.09
HSL	337°, 47%, 84%
HSV	337°, 17%, 91%
XYZ	64.4047, 60.5107, 68.6068
YIQ	207.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

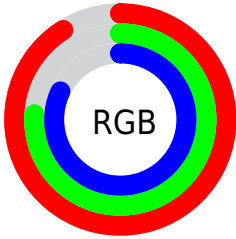
Format	Color
R _Y B	233, 194, 209
Decimal	15319761
CIE Lab	82.11, 16.26, -2.30
CIE LCh	82, 16.419, 351.957
Yxy	60.5107, 0.3328, 0.3127
Android (android.graphics.Color)	4293509841 (0xFFE9C2D1)
YUV	207.3710, 0.8031, 22.4766
Hunter-Lab	77.7886, 11.6581, 2.1604

Details

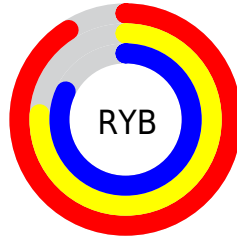
The XYZ color **64.4047, 60.5107, 68.6068** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0444, 74.8107, 77.3978**, and the grayscale version is **59.5355, 62.6360, 68.2106**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.4259, 30.4698, 35.1299** is the 20% darker color. If you saturate the color by 10%, you get **57.9240, 50.2633, 58.0780**, and if you desaturate by 10%, it is **71.8617, 72.4534, 80.2509**.

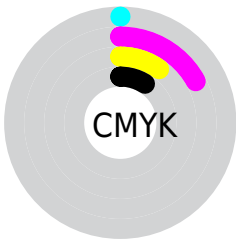
Distribution



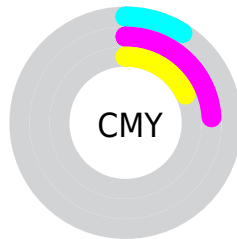
- Red (91%)
- Green (76%)
- Blue (82%)



- Red (91%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4047, 60.5107, 68.6068 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 64.4047, 60.5107, 68.6068 by changing the saturation by 10% instead.

64.4047, 60.5107,
68.6068

64.4047, 60.5107,
68.6068

430.2287,
426.4776, 474.2993

47.2414, 43.8304,
49.9218

110.2640,
105.5701, 118.8822

33.4353, 30.5372,
34.9805

139.6908,
134.7181, 151.3097

22.6210, 20.2467,
23.3644

173.9362,
168.7907, 189.1550

14.4330, 12.5745,
14.6550

213.3655,
208.1724, 232.8368

8.5062, 7.1362,
8.4337

258.3440,
253.2475, 282.7736

4.4750, 3.5474,
4.2820

309.2371,

1.9742, 1.4238,

304.4005, 339.3839

1.7813

366.4103,
362.0158, 403.0863

■ 0.6194, 0.2341,
0.4156

■ 0.0000, 0.0000,
0.0000

■ 64.4047, 60.5107,
68.6068

■ 64.4047, 60.5107,
68.6068

■ 57.9240, 50.2633,
58.0780

■ 71.8617, 72.4534,
80.2509

■ 52.3725, 41.6259,
48.6260

■ 80.3292, 86.1556,
93.0396

■ 47.7067, 34.5180,
40.2155

■ 86.9387, 95.8734,
106.0366

■ 43.8775, 28.8486,
32.8076

■ 87.4146, 96.0638,
108.5427

■ 40.8309, 24.5173,
26.3605

■ 38.5060, 21.4103,
20.8291

■ 36.8321, 19.3948,
16.1635

■ 35.7202, 18.3021,
12.3058

■ 35.4331, 18.0552,
11.2014

Harmonies

Analogous

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



62.9521, 60.5107, 78.4298



64.4047, 60.5107, 68.6068



63.9529, 60.5107, 58.9697

Triad

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



64.4047, 60.5107, 68.6068



55.0451, 60.5107, 49.6464



53.4834, 60.5107, 82.1790

Complementary

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



64.4047, 60.5107, 68.6068



64.0444, 74.8107, 77.3978

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.



51.5218, 60.5107, 73.3226



64.4047, 60.5107, 68.6068



52.3977, 60.5107, 54.7563

Square

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



64.4047, 60.5107, 68.6068



58.4560, 60.5107, 48.6570



51.1325, 60.5107, 63.2378



56.5814, 60.5107, 86.7659

Rectangle

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



64.4047, 60.5107, 68.6068



62.6403, 60.5107, 53.8739



51.1325, 60.5107, 63.2378



52.6745, 60.5107, 79.5625

Sweetspot

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



64.4064, 60.5134, 68.6081



89.8787, 91.6380, 101.0703



62.7363, 59.2828, 85.2277



19.0876, 19.3723, 21.4038



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.



64.4064, 60.5134, 68.6081



76.2348, 69.8065, 79.7014



63.5153, 61.5639, 59.5776



15.3052, 15.1499, 16.8925



20.1614, 10.2672, 6.6512



1.6289, 0.8245, 0.7631

Inverse Universe

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



64.4064, 60.5134, 68.6081



76.2348, 69.8065, 79.7014



65.0051, 73.4481, 87.8423



15.3052, 15.1499, 16.8925



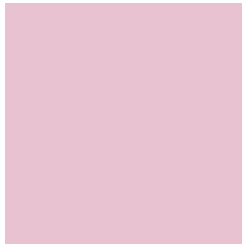
20.1614, 10.2672, 6.6512



1.6289, 0.8245, 0.7631

Previews

White Background



This preview shows how the XYZ color 64.4047, 60.5107, 68.6068 looks on a white background.

Color Contrast Check

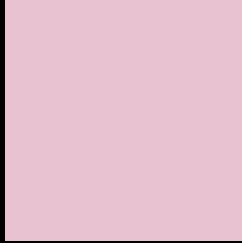
Large Text (above 18pt) WCAG AA × Fail

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 64.4047, 60.5107, 68.6068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

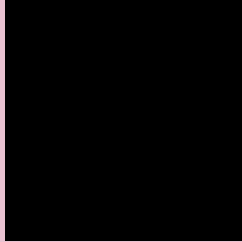
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4047, 60.5107, 68.6068

Background



This preview shows how black text looks on a background with the XYZ color 64.4047, 60.5107, 68.6068.



This preview shows how white text looks on a background with the XYZ color 64.4047, 60.5107,

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

64.4047, 60.5107, 68.6068

Protanopia

58.6704, 60.5460, 72.2126

Deuteranopia

61.7035, 60.4718, 68.0946



Tritanopia

64.4047, 60.5107, 68.6068

Trichromacy



Original Color

64.4047, 60.5107, 68.6068

Protanomaly

60.5623, 60.5091, 70.7748

Deuteranomaly

62.7154, 60.6553, 68.0767

Tritanomaly

64.4047, 60.5107, 68.6068

Monochromacy



Original Color

64.4047, 60.5107, 68.6068

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8246, 61.3941, 68.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4047, 60.5107, 68.6068 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(233, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 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(233, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.4047, 60.5107, 68.6068 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(233, 194, 209) }
```


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

```
.border{ border-color:rgb(233, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4047, 60.5107, 68.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 209) }
```

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

```
.background{ background-color: rgb(233,  
194, 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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