

Converting Colors

XYZ(68.6709, 64.9602, 74.5649)

Have a look what the booklet for
XYZ(68.6709, 64.9602, 74.5649)
contains.

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Color

**XYZ(68.6709, 64.9602,
74.5649)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEC9D9 |
| RGB | 238, 201, 217 |
| RGB Percent | 93%, 79%, 85% |
| CMY | 0.0667, 0.2117, 0.1490 |
| CMYK | 0.00, 0.16, 0.09, 0.07 |
| HSL | 334°, 52%, 86% |
| HSV | 334°, 16%, 93% |
| XYZ | 68.6709, 64.9602, 74.5649 |
| YIQ | 213.8870, 16.9160, 12.8200 |

Conversions

Conversions Part 2

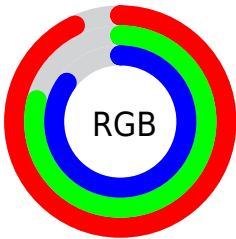
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 238, 201, 217 |
| Decimal | 15649241 |
| CIE Lab | 84.46, 15.63, -3.08 |
| CIE LCh | 84, 15.926, 348.867 |
| Yxy | 64.9602, 0.3298, 0.3120 |
| Android (android.graphics.Color) | 4293839321 (0xFFEEC9D9) |
| YUV | 213.8870, 1.5347, 21.1471 |
| Hunter-Lab | 80.5979, 11.0390, 1.5666 |

Details

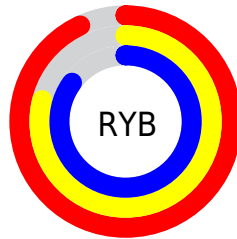
The XYZ color **68.6709, 64.9602, 74.5649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8493, 78.8421, 80.7529**, and the grayscale version is **63.8241, 67.1480, 73.1241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2467, 33.4212, 38.7229** is the 20% darker color. If you saturate the color by 10%, you get **61.8612, 54.0382, 63.9777**, and if you desaturate by 10%, it is **76.4878, 77.6647, 86.1992**.

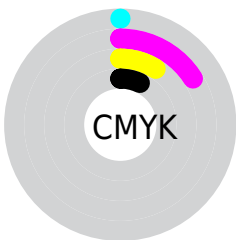
Distribution



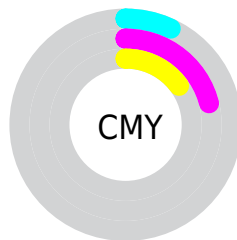
- Red (93%)
- Green (79%)
- Blue (85%)



- Red (93%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6709, 64.9602, 74.5649 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 68.6709, 64.9602, 74.5649 by changing the saturation by 10% instead.


 68.6709, 64.9602,
74.5649

 68.6709, 64.9602,
74.5649


445.2089,
442.6489, 495.6362

 50.7194, 47.4288,
54.7569


116.3480,
111.9926, 127.4377

 36.2055, 33.3748,
38.8099


146.8044,
142.2625, 161.3396

 24.7638, 22.4137,
26.3051

182.1598,
177.5472, 200.7766

 16.0289, 14.1612,
16.8243

222.7795,
218.2313, 246.1671

 9.6356, 8.2329,
9.9486

269.0289,
264.6992, 297.9298

 5.2184, 4.2443,
5.2598

321.2734,

 2.4121, 1.8111,

317.3351, 356.4832

2.3391

379.8783,
376.5236, 422.2458

■ 0.8511, 0.4941,
0.7530

■ 0.0000, 0.0000,
0.0000

■ 68.6709, 64.9602,
74.5649

■ 68.6709, 64.9602,
74.5649

■ 61.8612, 54.0382,
63.9777

■ 76.4878, 77.6647,
86.1992

■ 56.0103, 44.8097,
54.4021

■ 85.3465, 92.2182,
98.9060

■ 51.0738, 37.1911,
45.8066

■ 89.0702, 96.9173,
108.6202

■ 47.0018, 31.0883,
38.1563

■ 43.7390, 26.3971,
31.4138

■ 41.2236, 23.0001,
25.5384

■ 39.3837, 20.7606,
20.4852

■ 38.1317, 19.5102,
16.2028

■ 37.7036, 19.1547,
14.5170

Harmonies

Analogous

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



67.0171, 64.9602, 84.3561



68.6709, 64.9602, 74.5649



68.4159, 64.9602, 64.6073

Triad

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



68.6709, 64.9602, 74.5649



59.5659, 64.9602, 53.8287



57.3691, 64.9602, 86.4663

Complementary

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



68.6709, 64.9602, 74.5649



67.8493, 78.8421, 80.7529

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.



55.5182, 64.9602, 77.2291



68.6709, 64.9602, 74.5649



56.7526, 64.9602, 58.6575

Square

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



68.6709, 64.9602, 74.5649



63.0674, 64.9602, 53.2629



55.2969, 64.9602, 67.0301



60.4367, 64.9602, 91.6522

Rectangle

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



68.6709, 64.9602, 74.5649



67.2001, 64.9602, 59.1806



55.2969, 64.9602, 67.0301



56.5891, 64.9602, 83.6933

Sweetspot

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



68.6728, 64.9631, 74.5663



89.9731, 91.6758, 101.5672



66.4356, 63.4739, 89.6398



19.1105, 19.3814, 21.5244



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.



68.6728, 64.9631, 74.5663



77.3780, 71.2415, 82.7070



67.2711, 65.3298, 64.3262



16.0566, 15.8723, 17.8540



21.0968, 10.7111, 8.4261



1.8040, 0.9107, 0.9589

Inverse Universe

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



68.6728, 64.9631, 74.5663



77.3780, 71.2415, 82.7070



69.3833, 78.3147, 92.3490



16.0566, 15.8723, 17.8540



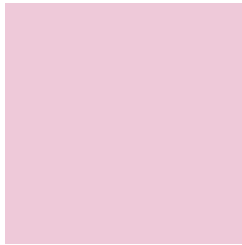
21.0968, 10.7111, 8.4261



1.8040, 0.9107, 0.9589

Previews

White Background



This preview shows how the XYZ color 68.6709, 64.9602, 74.5649 looks on a white background.

Color Contrast Check

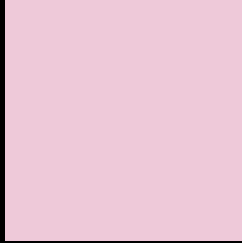
Large Text (above 18pt) WCAG AA × Fail

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 68.6709, 64.9602, 74.5649 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 68.6709, 64.9602, 74.5649

Background



This preview shows how black text looks on a background with the XYZ color 68.6709, 64.9602, 74.5649.

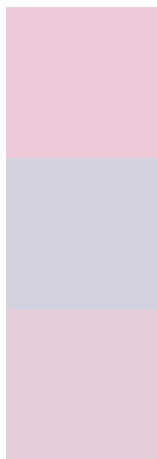


This preview shows how white text looks on a background with the XYZ color 68.6709, 64.9602,

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

68.6709, 64.9602, 74.5649

Protanopia

63.0954, 65.2160, 78.3697

Deuteranopia

66.3006, 64.8016, 73.9793



Tritanopia

68.6709, 64.9602, 74.5649

Trichromacy



Original Color

68.6709, 64.9602, 74.5649

Protanomaly

65.0499, 65.1651, 76.8598

Deuteranomaly

67.0293, 64.8255, 73.9455

Tritanomaly

68.6709, 64.9602, 74.5649

Monochromacy



Original Color

68.6709, 64.9602, 74.5649

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.4976, 66.1952, 73.6148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6709, 64.9602, 74.5649 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(238, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 217)  
}
```

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(238, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.6709, 64.9602, 74.5649 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(238, 201, 217) }
```


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

```
.border{ border-color:rgb(238, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6709, 64.9602, 74.5649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 217) }
```

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

```
.background{ background-color: rgb(238,  
201, 217) }
```

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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