

Converting Colors

XYZ(69.5802, 64.9635, 80.3781)

Have a look what the booklet for
XYZ(69.5802, 64.9635, 80.3781)
contains.

XYZ(69.5048, 64.9219, 80.1021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.5048, 64.9219,
80.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC8E1
RGB	238, 200, 225
RGB Percent	93%, 78%, 88%
CMY	0.0667, 0.2157, 0.1176
CMYK	0.00, 0.16, 0.05, 0.07
HSL	321°, 53%, 86%
HSV	321°, 16%, 93%
XYZ	69.5048, 64.9219, 80.1021
YIQ	214.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

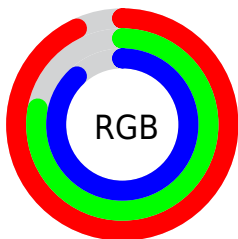
Format	Color
R _Y B	238, 200, 225
Decimal	15648993
CIE Lab	84.44, 17.52, -7.37
CIE LCh	84, 19.007, 337.188
Yxy	64.9219, 0.3240, 0.3026
Android (android.graphics.Color)	4293839073 (0xFFEEC8E1)
YUV	214.2120, 5.3185, 20.8621
Hunter-Lab	80.5741, 12.9728, -2.5408

Details

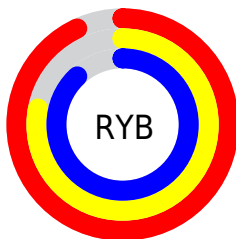
The XYZ color **69.5048, 64.9219, 80.1021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.4067, 78.2344, 74.5551**, and the grayscale version is **64.0192, 67.3532, 73.3476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8260, 33.4051, 42.5371** is the 20% darker color. If you saturate the color by 10%, you get **63.3319, 54.3110, 72.6942**, and if you desaturate by 10%, it is **76.5924, 77.2757, 88.0778**.

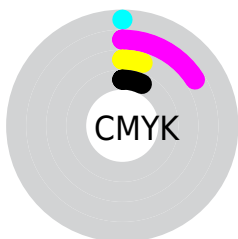
Distribution



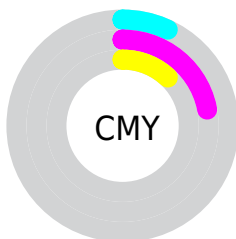
- Red (93%)
- Green (78%)
- Blue (88%)



- Red (93%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5048, 64.9219, 80.1021 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 69.5048, 64.9219, 80.1021 by changing the saturation by 10% instead.

69.5048, 64.9219,
80.1021

69.5048, 64.9219,
80.1021

448.1029,
442.5113, 514.9927

51.4011, 47.3978,
59.2757

117.5324,
111.9376, 135.3220

36.7502, 33.3502,
42.4136

148.1870,
142.1979, 170.5525

25.1870, 22.3949,
29.0973

183.7559,
177.4724, 211.4216

16.3459, 14.1473,
18.9082

224.6045,
218.1454, 258.3476

9.8616, 8.2232,
11.4279

271.0982,
264.6014, 311.7492

5.3689, 4.2381,
6.2376

323.6022,

2.5022, 1.8076,

317.2248, 372.0449

2.9190

382.4820,
376.4000, 439.6532

■ 0.8964, 0.4919,
1.0534

■ 0.0000, 0.0000,
0.0000

■ 69.5048, 64.9219,
80.1021

■ 69.5048, 64.9219,
80.1021

■ 63.3319, 54.3110,
72.6942

■ 76.5924, 77.2757,
88.0778

■ 58.0279, 45.3550,
65.8330

■ 84.6268, 91.4380,
96.6334

■ 53.5510, 37.9710,
59.5016

■ 88.1865, 96.5638,
103.9657

■ 49.8542, 32.0657,
53.6806

■ 89.0704, 96.9174,
108.6202

■ 46.8849, 27.5357,
48.3487

■ 44.5843, 24.2642,
43.4823

■ 42.8834, 22.1148,
39.0543

■ 41.6973, 20.9189,
35.0323

■ 41.3096, 20.5971,
33.5051

Harmonies

Analogous

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



66.7500, 64.9219, 90.8994



69.5048, 64.9219, 80.1021



70.1256, 64.9219, 67.8164

Triad

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



69.5048, 64.9219, 80.1021



60.6950, 64.9219, 50.0202



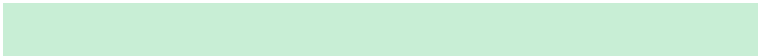
55.4558, 64.9219, 85.7109

Complementary

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



69.5048, 64.9219, 80.1021



66.4067, 78.2344, 74.5551

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.



53.9894, 64.9219, 73.6415



69.5048, 64.9219, 80.1021



56.9233, 64.9219, 53.7209

Square

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



69.5048, 64.9219, 80.1021



64.9111, 64.9219, 51.3319



54.5141, 64.9219, 62.0437



58.6088, 64.9219, 94.3870

Rectangle

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



69.5048, 64.9219, 80.1021



69.2212, 64.9219, 60.5787



54.5141, 64.9219, 62.0437



54.7560, 64.9219, 81.8658

Sweetspot

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



69.5067, 64.9248, 80.1035



90.4221, 91.8554, 103.9317



63.4335, 61.5811, 89.4330



19.2197, 19.4251, 22.0992



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.



69.5067, 64.9248, 80.1035



78.9388, 71.8659, 90.9263



67.0976, 63.9611, 67.4174



16.2111, 15.9342, 18.6679



23.1094, 11.5162, 19.0242



1.9689, 0.9766, 1.8273

Inverse Universe

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



69.5067, 64.9248, 80.1035



78.9388, 71.8659, 90.9263



68.9143, 79.2374, 87.7596



16.2111, 15.9342, 18.6679



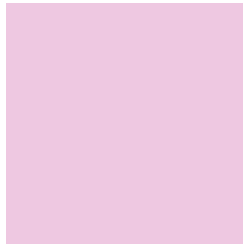
23.1094, 11.5162, 19.0242



1.9689, 0.9766, 1.8273

Previews

White Background



This preview shows how the XYZ color 69.5048, 64.9219, 80.1021 looks on a white background.

Color Contrast Check

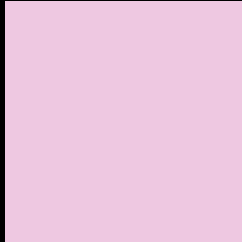
Large Text (above 18pt) WCAG AA × Fail

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 69.5048, 64.9219, 80.1021 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 69.5048, 64.9219, 80.1021

Background



This preview shows how black text looks on a background with the XYZ color 69.5048, 64.9219, 80.1021.



This preview shows how white text looks on a background with the XYZ color 69.5048, 64.9219,

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

69.5048, 64.9219, 80.1021

Protanopia

63.7649, 65.4180, 84.8675

Deuteranopia

66.3372, 65.0520, 79.5810



Tritanopia

68.3361, 64.7876, 74.5492

Trichromacy



Original Color

69.5048, 64.9219, 80.1021

Protanomaly

65.7294, 65.0154, 83.2137

Deuteranomaly

67.4436, 64.9167, 79.4965

Tritanomaly

68.7300, 64.9451, 76.6233

Monochromacy



Original Color

69.5048, 64.9219, 80.1021

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8868, 66.3509, 75.6641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5048, 64.9219, 80.1021 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, 200, 225) looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 225)  
}
```

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, 200, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.5048, 64.9219, 80.1021 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, 200, 225) }
```


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

```
.border{ border-color:rgb(238, 200, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 200, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5048, 64.9219, 80.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 200, 225) }
```

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

```
.background{ background-color: rgb(238,  
200, 225) }
```

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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