

Converting Colors

XYZ(64.7307, 58.4981, 78.4341)

Have a look what the booklet for
XYZ(64.7307, 58.4981, 78.4341)
contains.

XYZ(64.7165, 58.5041, 78.4025)	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(64.7165, 58.5041,
78.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BCE0
RGB	232, 188, 224
RGB Percent	91%, 74%, 88%
CMY	0.0902, 0.2627, 0.1216
CMYK	0.00, 0.19, 0.03, 0.09
HSL	311°, 49%, 82%
HSV	311°, 19%, 91%
XYZ	64.7165, 58.5041, 78.4025
YIQ	205.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

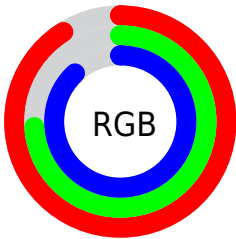
Format	Color
R _Y B	232, 188, 224
Decimal	15252704
CIE Lab	81.02, 21.69, -11.99
CIE LCh	81, 24.785, 331.072
Yxy	58.5041, 0.3210, 0.2902
Android (android.graphics.Color)	4293442784 (0xFFE8BCE0)
YUV	205.2600, 9.2388, 23.4510
Hunter-Lab	76.4880, 17.1750, -7.2325

Details

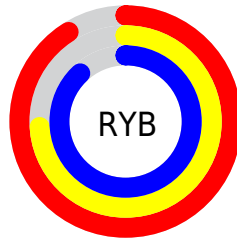
The XYZ color **64.7165, 58.5041, 78.4025** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.5618, 72.3918, 63.0617**, and the grayscale version is **58.1318, 61.1591, 66.6023**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.5910, 29.1449, 41.3912** is the 20% darker color. If you saturate the color by 10%, you get **59.5887, 49.1519, 73.9058**, and if you desaturate by 10%, it is **70.6587, 69.4604, 83.2420**.

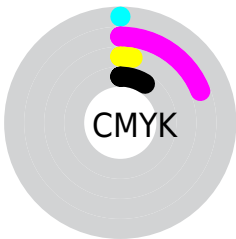
Distribution



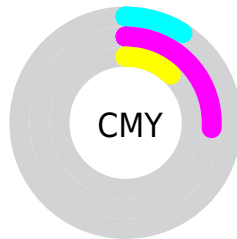
- Red (91%)
- Green (74%)
- Blue (88%)



- Red (91%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7165, 58.5041, 78.4025 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 64.7165, 58.5041, 78.4025 by changing the saturation by 10% instead.

64.7165, 58.5041,
78.4025

64.7165, 58.5041,
78.4025

431.3338,
419.0617, 509.0968

47.4951, 42.2141,
57.8863

110.7102,
102.6566, 132.9084

33.6368, 29.2689,
41.3031

140.2131,
131.2878, 167.7351

22.7763, 19.2844,
28.2345

174.5406,
164.8015, 208.1691

14.5482, 11.8759,
18.2619

214.0580,
203.5822, 254.6289

8.5872, 6.6593,
10.9668

259.1307,
248.0141, 307.5330

4.5278, 3.2499,
5.9306


310.1240,


2.0049, 1.2636,

298.4818, 367.3000


2.7348


367.4032,
355.3695, 434.3484


 0.6367, 0.1127,
0.9609


 0.0000, 0.0000,
0.0000


 64.7165, 58.5041,
78.4025


 64.7165, 58.5041,
78.4025


 59.5887, 49.1519,
73.9058


 70.6587, 69.4604,
83.2420


 55.2318, 41.3201,
69.7350

 77.4455, 82.0841,
88.4330

 51.6066, 34.9290,
65.8771

 84.2752, 94.7704,
93.7092

 48.6678, 29.8886,
62.3166

 84.8978, 95.0195,
96.9880

■ 46.3653, 26.0988,
59.0361

■ 85.5350, 95.2744,
100.3436

■ 44.6420, 23.4454,
56.0163

■ 86.1870, 95.5352,
103.7766

■ 43.4304, 21.7936,
53.2339

■ 86.8537, 95.8018,
107.2874

■ 42.6271, 20.9369,
50.6541

■ 87.0892, 95.8960,
108.5274

■ 42.5531, 20.8656,
50.3936

Harmonies

Analogous

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



60.8670, 58.5041, 91.1620



64.7165, 58.5041, 78.4025



66.0891, 58.5041, 63.1725

Triad

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



64.7165, 58.5041, 78.4025



55.4215, 58.5041, 39.3772



47.5606, 58.5041, 79.4615

Complementary

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



64.7165, 58.5041, 78.4025



59.5618, 72.3918, 63.0617

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.



46.2953, 58.5041, 64.2325



64.7165, 58.5041, 78.4025



50.6580, 58.5041, 42.3959

Square

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



64.7165, 58.5041, 78.4025



60.5272, 58.5041, 41.9931



47.3941, 58.5041, 50.9628



50.9598, 58.5041, 91.8367

Rectangle

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



64.7165, 58.5041, 78.4025



65.3519, 58.5041, 54.0529



47.3941, 58.5041, 50.9628



46.8814, 58.5041, 74.4339

Sweetspot

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



64.7182, 58.5067, 78.4038



89.9171, 90.4458, 104.9952



55.1432, 53.4422, 83.7540



19.1314, 19.1464, 22.3844



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.



64.7182, 58.5067, 78.4038



77.4391, 67.4500, 94.7927



62.0038, 57.4209, 64.1098



14.8768, 14.5679, 17.5514



23.6666, 11.6009, 28.2030



1.7783, 0.8690, 2.2389

Inverse Universe

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



64.7182, 58.5067, 78.4038



77.4391, 67.4500, 94.7927



62.1655, 73.4333, 76.7726



14.8768, 14.5679, 17.5514



23.6666, 11.6009, 28.2030



1.7783, 0.8690, 2.2389

Previews

White Background



This preview shows how the XYZ color 64.7165, 58.5041, 78.4025 looks on a white background.

Color Contrast Check

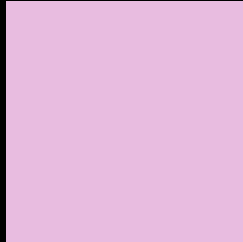
Large Text (above 18pt) WCAG AA × Fail

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 64.7165, 58.5041, 78.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

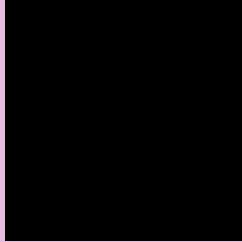
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7165, 58.5041, 78.4025

Background



This preview shows how black text looks on a background with the XYZ color 64.7165, 58.5041, 78.4025.



This preview shows how white text looks on a background with the XYZ color 64.7165, 58.5041,

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

64.7165, 58.5041, 78.4025

Protanopia

57.9847, 58.8705, 84.6510

Deuteranopia

59.7887, 58.6027, 77.2675



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

64.7165, 58.5041, 78.4025

Protanomaly

60.1773, 58.6923, 82.2858

Deuteranomaly

61.6027, 58.5277, 77.8622

Tritanomaly

63.3787, 58.6199, 70.9251

Monochromacy



Original Color

64.7165, 58.5041, 78.4025

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3314, 60.0474, 70.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7165, 58.5041, 78.4025 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, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 224)  
}
```

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, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 224) }
```

Border

The CSS property to change the border of an element to XYZ 64.7165, 58.5041, 78.4025 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, 188, 224) }
```


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

```
.border{ border-color:rgb(232, 188, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7165, 58.5041, 78.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 224) }
```

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

```
.background{ background-color: rgb(232,  
188, 224) }
```

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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