

Converting Colors

XYZ(65.0166, 56.7264, 81.0852)

Have a look what the booklet for
XYZ(65.0166, 56.7264, 81.0852)
contains.

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Color

**XYZ(64.9925, 56.7195,
80.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB6E4
RGB	235, 182, 228
RGB Percent	92%, 71%, 89%
CMY	0.0784, 0.2863, 0.1059
CMYK	0.00, 0.23, 0.03, 0.08
HSL	308°, 57%, 82%
HSV	308°, 23%, 92%
XYZ	64.9925, 56.7195, 80.9213
YIQ	203.0910, 16.8220, 25.5420

Conversions

Conversions Part 2

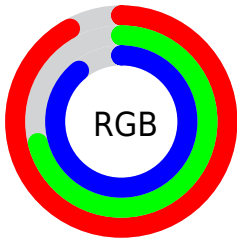
Format	Color
R _Y B	235, 182, 228
Decimal	15447780
CIE Lab	80.02, 26.61, -15.61
CIE LCh	80, 30.851, 329.612
Yxy	56.7195, 0.3207, 0.2799
Android (android.graphics.Color)	4293637860 (0xFFE6B6E4)
YUV	203.0910, 12.2801, 27.9842
Hunter-Lab	75.3123, 22.2440, -10.9870

Details

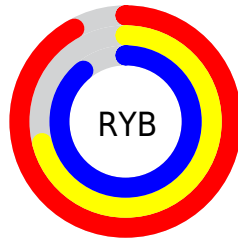
The XYZ color **64.9925, 56.7195, 80.9213** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.1873, 73.0376, 59.1782**, and the grayscale version is **56.7412, 59.6962, 65.0092**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **33.9835, 28.3013, 43.2067** is the 20% darker color. If you saturate the color by 10%, you get **60.1512, 47.7195, 77.2010**, and if you desaturate by 10%, it is **70.6525, 67.3428, 84.9540**.

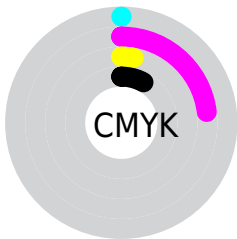
Distribution



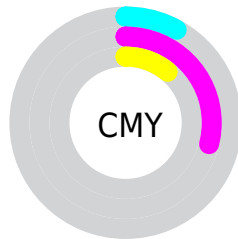
- Red (92%)
- Green (71%)
- Blue (89%)



- Red (92%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9925, 56.7195, 80.9213 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 64.9925, 56.7195, 80.9213 by changing the saturation by 10% instead.


 64.9925, 56.7195,
80.9213

 64.9925, 56.7195,
80.9213


432.3107,
412.3974, 517.8207

 47.7197, 40.7801,
59.9462

 111.1048,
100.0558, 136.4833

 33.8153, 28.1473,
42.9502


140.6751,
128.2214, 171.9073

 22.9139, 18.4367,
29.5150

175.0751,
161.2313, 212.9847

 14.6503, 11.2640,
19.2218

214.6704,
199.4697, 260.1339

 8.6591, 6.2447,
11.6522

259.8263,
243.3212, 313.7736

 4.5748, 2.9944,
6.3877

310.9080,

 2.0322, 1.1288,

293.1700, 374.3222

3.0096

368.2810,
349.4006, 442.1984

■ 0.6519, 0.0024,
1.0996

■ 0.0000, 0.0000,
0.0000

■ 64.9925, 56.7195,
80.9213

■ 64.9925, 56.7195,
80.9213

■ 60.1512, 47.7195,
77.2010

■ 70.6525, 67.3428,
84.9540

■ 56.0832, 40.2546,
73.7758

■ 77.1637, 79.6567,
89.3081

■ 52.7463, 34.2399,
70.6321

■ 84.5628, 93.7341,
93.9967

■ 50.0926, 29.5790,
67.7537

■ 85.8117, 95.4985,
96.6741

48.0678, 26.1641,
65.1224

86.2780, 95.6850,
99.1295

46.6098, 23.8707,
62.7171

86.7522, 95.8747,
101.6267

45.6435, 22.5486,
60.5127

87.2344, 96.0676,
104.1659

45.1557, 22.0201,
58.9720

87.7246, 96.2637,
106.7473

88.0714, 96.4024,
108.5734

Harmonies

Analogous

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



60.0892, 56.7195, 96.9004



64.9925, 56.7195, 80.9213



66.8863, 56.7195, 61.9921

Triad

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



64.9925, 56.7195, 80.9213



53.9919, 56.7195, 33.2666



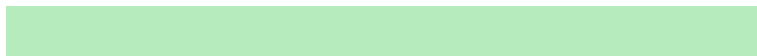
44.0937, 56.7195, 80.4371

Complementary

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



64.9925, 56.7195, 80.9213



58.1873, 73.0376, 59.1782

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.



42.7312, 56.7195, 61.5242



64.9925, 56.7195, 80.9213



48.1700, 56.7195, 36.3416

Square

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



64.9925, 56.7195, 80.9213



60.2414, 56.7195, 36.5061



44.1652, 56.7195, 45.8873



48.0389, 56.7195, 96.5849

Rectangle

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



64.9925, 56.7195, 80.9213



66.0824, 56.7195, 50.8791



44.1652, 56.7195, 45.8873



43.3327, 56.7195, 74.0864

Sweetspot

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



64.9942, 56.7220, 80.9225



89.2403, 88.9843, 105.1022



52.5101, 50.1716, 85.5148



18.9991, 18.8534, 22.4281



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.



64.9942, 56.7220, 80.9225



75.4506, 63.0891, 95.3136



61.6891, 55.4000, 63.5182



15.6242, 15.2775, 18.5724



25.1651, 12.2687, 33.0006



1.9999, 0.9729, 2.7167

Inverse Universe

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



64.9942, 56.7220, 80.9225



75.4506, 63.0891, 95.3136



61.2269, 74.2534, 75.1841



15.6242, 15.2775, 18.5724



25.1651, 12.2687, 33.0006



1.9999, 0.9729, 2.7167

Previews

White Background



This preview shows how the XYZ color 64.9925, 56.7195, 80.9213 looks on a white background.

Color Contrast Check

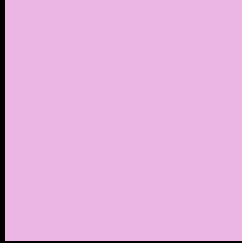
Large Text (above 18pt) WCAG AA × Fail

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 64.9925, 56.7195, 80.9213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

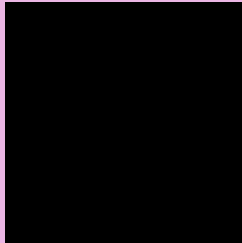
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9925, 56.7195, 80.9213

Background



This preview shows how black text looks on a background with the XYZ color 64.9925, 56.7195, 80.9213.



This preview shows how white text looks on a background with the XYZ color 64.9925, 56.7195,

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

64.9925, 56.7195, 80.9213

Protanopia

56.6341, 57.0527, 88.9163

Deuteranopia

58.1961, 57.0537, 79.8967



Tritanopia

61.2679, 56.7466, 62.9824

Trichromacy



Original Color

64.9925, 56.7195, 80.9213

Protanomaly

59.1545, 56.7616, 85.6802

Deuteranomaly

60.5975, 56.9719, 80.4759

Tritanomaly

62.3855, 56.5569, 69.2565

Monochromacy



Original Color

64.9925, 56.7195, 80.9213

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.4231, 58.2308, 70.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9925, 56.7195, 80.9213 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(235, 182, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 228)  
}
```

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(235, 182, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 228) }
```

Border

The CSS property to change the border of an element to XYZ 64.9925, 56.7195, 80.9213 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(235, 182, 228) }
```


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

```
.border{ border-color:rgb(235, 182, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 182, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9925, 56.7195, 80.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 228) }
```

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

```
.background{ background-color: rgb(235,  
182, 228) }
```

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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