

Converting Colors

XYZ(65.3471, 58.5638, 86.1547)

Have a look what the booklet for
XYZ(65.3471, 58.5638, 86.1547)
contains.

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Color

**XYZ(65.6117, 58.7876,
86.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BCEB
RGB	230, 188, 235
RGB Percent	90%, 74%, 92%
CMY	0.0980, 0.2627, 0.0784
CMYK	0.02, 0.20, 0.00, 0.08
HSL	294°, 54%, 83%
HSV	294°, 20%, 92%
XYZ	65.6117, 58.7876, 86.4863
YIQ	205.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

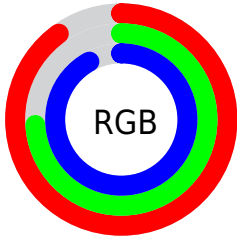
Format	Color
R _Y B	230, 188, 235
Decimal	15121643
CIE Lab	81.17, 23.04, -17.68
CIE LCh	81, 29.039, 322.496
Yxy	58.7876, 0.3111, 0.2788
Android (android.graphics.Color)	4293311723 (0xFFE6BCEB)
YUV	205.9160, 14.3384, 21.1217
Hunter-Lab	76.6731, 18.5705, -13.2073

Details

The XYZ color **65.6117, 58.7876, 86.4863** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.7799, 74.3865, 58.7345**, and the grayscale version is **58.5207, 61.5684, 67.0480**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **34.1173, 29.3035, 46.5058** is the 20% darker color. If you saturate the color by 10%, you get **60.1985, 49.1428, 84.9109**, and if you desaturate by 10%, it is **71.8573, 70.0781, 88.3373**.

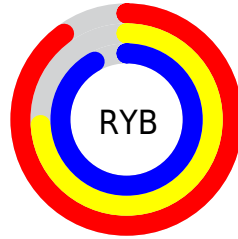
Distribution



Red (90%)

Green (74%)

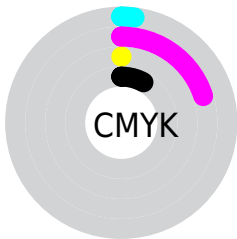
Blue (92%)



Red (90%)

Yellow (74%)

Blue (92%)

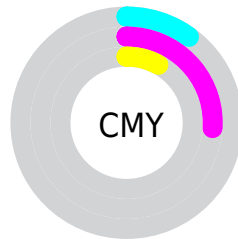


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6117, 58.7876, 86.4863 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 65.6117, 58.7876, 86.4863 by changing the saturation by 10% instead.

65.6117, 58.7876,
86.4863

65.6117, 58.7876,
86.4863

434.4975,
420.1143, 536.8057

48.2238, 42.4422,
64.5130

111.9897,
103.0689, 144.3405

34.2161, 29.4477,
46.6174

141.7104,
131.7736, 181.0584

23.2234, 19.4197,
32.3812

176.2729,
165.3667, 223.5282

14.8801, 11.9740,
21.3856

216.0423,
204.2328, 272.1686

8.8211, 6.7259,
13.2122

261.3841,
248.7562, 327.3980

4.6808, 3.2913,
7.4424

312.6637,

2.0941, 1.2856,

299.3214, 389.6349

3.6576

370.2464,
356.3126, 459.2980

■ 0.6860, 0.1300,
1.4395

■ 0.0000, 0.0000,
0.1722

■ 65.6117, 58.7876,
86.4863

■ 65.6117, 58.7876,
86.4863

■ 60.1985, 49.1428,
84.9109

■ 71.8573, 70.0781,
88.3373

■ 55.5729, 41.0572,
83.5940


■ 78.9670, 83.0805,
90.4723


■ 51.6938, 34.4476,
82.5226


■ 85.8484, 95.6092,
92.5279


■ 48.5142, 29.2203,
81.6812


■ 86.6914, 96.0438,
92.5673


 45.9818, 25.2706,
81.0523


 87.5460, 96.4844,
92.6073


 44.0368, 22.4788,
80.6160


 88.4125, 96.9311,
92.6479


 42.6080, 20.7028,
80.3485

 89.2907, 97.3838,
92.6890

 41.5741, 19.7001,
80.2094

 90.1807, 97.8426,
92.7306

 41.5740, 19.6999,
80.2094

 91.0826, 98.3076,
92.7728

Harmonies

Analogous

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



60.4415, 58.7876, 99.9471



65.6117, 58.7876, 86.4863



68.2079, 58.7876, 68.4553

Triad

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



65.6117, 58.7876, 86.4863



57.4073, 58.7876, 36.3572



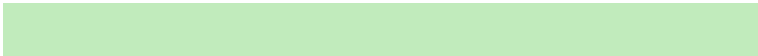
45.8118, 58.7876, 77.6078

Complementary

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



65.6117, 58.7876, 86.4863



60.7799, 74.3865, 58.7345

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.



45.1277, 58.7876, 59.7609



65.6117, 58.7876, 86.4863



51.5461, 58.7876, 37.9207

Square

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



65.6117, 58.7876, 86.4863



63.2540, 58.7876, 41.0699



47.1541, 58.7876, 45.8095



49.0950, 58.7876, 94.2105

Rectangle

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



65.6117, 58.7876, 86.4863



68.0073, 58.7876, 57.0748



47.1541, 58.7876, 45.8095



45.2803, 58.7876, 71.4848

Sweetspot

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



65.6135, 58.7901, 86.4876



89.7655, 90.3163, 107.3094



54.9139, 55.0464, 86.3289



19.0954, 19.1157, 22.9332



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.



65.6135, 58.7901, 86.4876



76.1824, 65.7606, 103.2856



64.7682, 58.6401, 73.5411



15.5478, 15.2277, 19.0420



23.2030, 10.9975, 44.6428



1.8673, 0.8869, 3.5077

Inverse Universe

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



61.8719, 57.4815, 58.2890



70.9490, 63.9393, 63.4364



61.5920, 74.5666, 69.5520



15.1306, 15.0801, 15.9730



19.1876, 9.8777, 1.5232



1.5285, 0.7844, 0.2344

Previews

White Background



This preview shows how the XYZ color 65.6117, 58.7876, 86.4863 looks on a white background.

Color Contrast Check

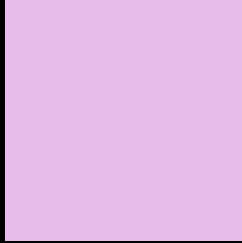
Large Text (above 18pt) WCAG AA × Fail

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 65.6117, 58.7876, 86.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

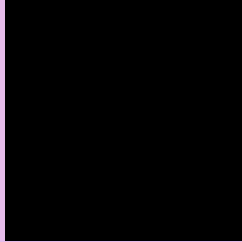
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6117, 58.7876, 86.4863

Background



This preview shows how black text looks on a background with the XYZ color 65.6117, 58.7876, 86.4863.



This preview shows how white text looks on a background with the XYZ color 65.6117, 58.7876,

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

65.6117, 58.7876, 86.4863

Protanopia

58.8243, 59.1171, 93.1044

Deuteranopia

60.1278, 58.9375, 85.2978



Tritanopia

61.8192, 58.8627, 67.7779

Trichromacy



Original Color

65.6117, 58.7876, 86.4863

Protanomaly

60.9217, 58.8929, 90.5946

Deuteranomaly

62.1674, 58.9712, 85.9479

Tritanomaly

62.9642, 58.6545, 74.3325

Monochromacy



Original Color

65.6117, 58.7876, 86.4863

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9721, 60.3037, 74.0718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6117, 58.7876, 86.4863 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(230, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 235)  
}
```

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(230, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 235) }
```

Border

The CSS property to change the border of an element to XYZ 65.6117, 58.7876, 86.4863 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(230, 188, 235) }
```


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

```
.border{ border-color:rgb(230, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6117, 58.7876, 86.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 235) }
```

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

```
.background{ background-color: rgb(230,  
188, 235) }
```

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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