

Converting Colors

XYZ(65.1818, 58.6156, 84.2224)

Have a look what the booklet for
XYZ(65.1818, 58.6156, 84.2224)
contains.

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Color

**XYZ(65.1818, 58.6156,
84.2224)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BCE8
RGB	230, 188, 232
RGB Percent	90%, 74%, 91%
CMY	0.0980, 0.2627, 0.0902
CMYK	0.01, 0.19, 0.00, 0.09
HSL	297°, 49%, 82%
HSV	297°, 19%, 91%
XYZ	65.1818, 58.6156, 84.2224
YIQ	205.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

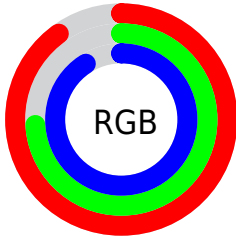
Format	Color
R _Y B	230, 188, 232
Decimal	15121640
CIE Lab	81.08, 22.48, -16.21
CIE LCh	81, 27.715, 324.200
Yxy	58.6156, 0.3133, 0.2818
Android (android.graphics.Color)	4293311720 (0xFFE6BCE8)
YUV	205.5740, 13.0280, 21.4216
Hunter-Lab	76.5608, 17.9886, -11.6307

Details

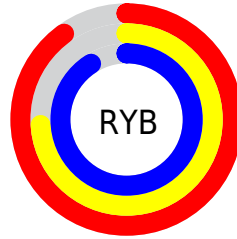
The XYZ color **65.1818, 58.6156, 84.2224** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.1710, 72.2927, 58.4151**, and the grayscale version is **58.3101, 61.3467, 66.8066**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.8171, 29.1835, 44.9249** is the 20% darker color. If you saturate the color by 10%, you get **60.2818, 49.3155, 82.6864**, and if you desaturate by 10%, it is **70.8840, 69.5151, 86.0265**.

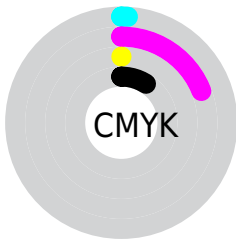
Distribution



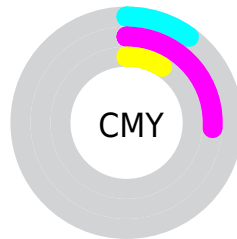
- Red (90%)
- Green (74%)
- Blue (91%)



- Red (90%)
- Yellow (74%)
- Blue (91%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)





- Cyan (10%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1818, 58.6156, 84.2224 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 65.1818, 58.6156, 84.2224 by changing the saturation by 10% instead.


 65.1818, 58.6156,
84.2224

 65.1818, 58.6156,
84.2224


432.9799,
419.4759, 529.1288

 47.8738, 42.3038,
62.6526


 111.3754,
102.8188, 141.1507

 33.9378, 29.3392,
45.1210


140.9918,
131.4789, 177.3464

 23.0085, 19.3376,
31.2091


175.4415,
165.0239, 219.2544

 14.7205, 11.9145,
20.4984

215.0901,
203.8382, 267.2933

 8.7085, 6.6855,
12.5702

260.3029,
248.3061, 321.8816

 4.6071, 3.2662,
7.0060

311.4452,

 2.0510, 1.2722,

298.8121, 383.4380

3.3873

368.8824,
355.7406, 452.3809

■ 0.6624, 0.1195,
1.2957

■ 0.0000, 0.0000,
0.0582

■ 65.1818, 58.6156,
84.2224

■ 65.1818, 58.6156,
84.2224

■ 60.2818, 49.3155,
82.6864

■ 70.8840, 69.5151,
86.0265

■ 56.1408, 41.5313,
81.4022

■ 77.4186, 82.0773,
88.1069

■ 52.7194, 35.1833,
80.3572

■ 83.9838, 94.6977,
90.1968

■ 49.9725, 30.1814,
79.5365

■ 84.3294, 94.8758,
90.2130

47.8503, 26.4256,
78.9234

84.6771, 95.0551,
90.2293

46.2955, 23.8019,
78.4990

85.0268, 95.2354,
90.2457

45.2409, 22.1754,
78.2406

85.3786, 95.4167,
90.2621

44.5831, 21.3396,
78.1139

85.7325, 95.5992,
90.2787

44.5236, 21.2702,
78.1037

86.0885, 95.7827,
90.2953

Harmonies

Analogous

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



60.3745, 58.6156, 97.3277



65.1818, 58.6156, 84.2224



67.4674, 58.6156, 67.0805

Triad

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



65.1818, 58.6156, 84.2224



56.8387, 58.6156, 37.1916



46.2128, 58.6156, 77.7204

Complementary

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



65.1818, 58.6156, 84.2224



59.1710, 72.2927, 58.4151

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.



45.4088, 58.6156, 60.6716



65.1818, 58.6156, 84.2224



51.2967, 58.6156, 39.0522

Square

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



65.1818, 58.6156, 84.2224



62.4421, 58.6156, 41.4074



47.2076, 58.6156, 47.0151



49.4844, 58.6156, 93.1440

Rectangle

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



65.1818, 58.6156, 84.2224



67.1481, 58.6156, 56.3571



47.2076, 58.6156, 47.0151



45.6549, 58.6156, 71.9195

Sweetspot

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



65.1836, 58.6181, 84.2237



90.1065, 90.4920, 107.3253



53.7638, 53.4340, 83.8249



19.1763, 19.1574, 22.9370



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.



65.1836, 58.6181, 84.2237



78.1350, 67.6159, 103.5407



63.1727, 57.8884, 70.2657



14.9270, 14.5801, 18.1718



24.7476, 11.8237, 43.3610



1.8489, 0.8841, 3.2052

Inverse Universe

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



60.5582, 56.8426, 56.4979



71.3696, 65.0222, 62.8313



60.9582, 72.9503, 70.4157



14.4034, 14.3786, 15.0588



18.5195, 9.5420, 1.0987



1.3779, 0.7089, 0.1308

Previews

White Background



This preview shows how the XYZ color 65.1818, 58.6156, 84.2224 looks on a white background.

Color Contrast Check

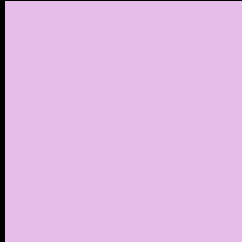
Large Text (above 18pt) WCAG AA × Fail

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 65.1818, 58.6156, 84.2224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

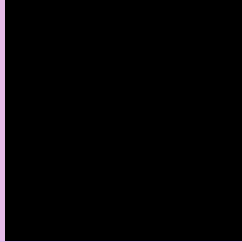
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1818, 58.6156, 84.2224

Background



This preview shows how black text looks on a background with the XYZ color 65.1818, 58.6156, 84.2224.



This preview shows how white text looks on a background with the XYZ color 65.1818, 58.6156,

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

65.1818, 58.6156, 84.2224

Protanopia

58.3748, 58.9373, 90.7374

Deuteranopia

60.0353, 58.6029, 83.0102



Tritanopia

61.4762, 58.3730, 67.0585

Trichromacy



Original Color

65.1818, 58.6156, 84.2224

Protanomaly

60.4796, 58.7161, 88.2665

Deuteranomaly

61.8127, 58.5084, 83.6367

Tritanomaly

62.7040, 58.5504, 72.9622

Monochromacy



Original Color

65.1818, 58.6156, 84.2224

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7135, 60.2002, 72.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1818, 58.6156, 84.2224 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.1818, 58.6156, 84.2224 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, 232) }
```


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

```
.border{ border-color:rgb(230, 188, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1818, 58.6156, 84.2224 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, 232) }
```

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

```
.background{ background-color: rgb(230,  
188, 232) }
```

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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