

Converting Colors

XYZ(65.2383, 57.7691, 84.0570)

Have a look what the booklet for
XYZ(65.2383, 57.7691, 84.0570)
contains.

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Color

**XYZ(65.1932, 57.6799,
84.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B9E8
RGB	232, 185, 232
RGB Percent	91%, 73%, 91%
CMY	0.0902, 0.2745, 0.0902
CMYK	0.00, 0.20, 0.00, 0.09
HSL	300°, 51%, 82%
HSV	300°, 20%, 91%
XYZ	65.1932, 57.6799, 84.0412
YIQ	204.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

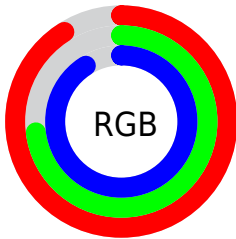
Format	Color
R _Y B	232, 185, 232
Decimal	15251944
CIE Lab	80.56, 24.74, -16.98
CIE LCh	81, 30.007, 325.546
Yxy	57.6799, 0.3151, 0.2788
Android (android.graphics.Color)	4293442024 (0xFFE8B9E8)
YUV	204.4110, 13.6014, 24.1956
Hunter-Lab	75.9473, 20.3168, -12.4456

Details

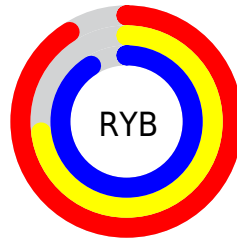
The XYZ color **65.1932, 57.6799, 84.0412** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.6235, 71.5322, 56.6721**, and the grayscale version is **57.5668, 60.5648, 65.9551**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.9922, 28.8672, 44.8546** is the 20% darker color. If you saturate the color by 10%, you get **60.7309, 48.7543, 82.5542**, and if you desaturate by 10%, it is **70.4509, 68.1943, 85.7946**.

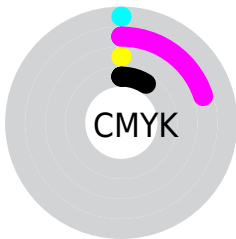
Distribution



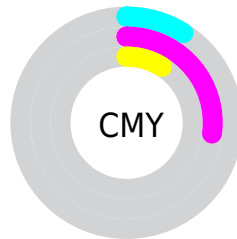
- Red (91%)
- Green (73%)
- Blue (91%)



- Red (91%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1932, 57.6799, 84.0412 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 65.1932, 57.6799, 84.0412 by changing the saturation by 10% instead.


 65.1932, 57.6799,
84.0412

 65.1932, 57.6799,
84.0412


433.0202,
415.9921, 528.5117

 47.8830, 41.5514,
62.5039

 111.3917,
101.4566, 140.8950

 33.9451, 28.7502,
45.0015


141.0108,
129.8735, 177.0486

 23.0141, 18.8919,
31.1157


175.4636,
163.1553, 218.9114

 14.7247, 11.5922,
20.4278

215.1154,
201.6865, 266.9019

 8.7115, 6.4666,
12.5192

260.3316,
245.8514, 321.4386

 4.6091, 3.1309,
6.9715

311.4776,

 2.0521, 1.2004,

296.0343, 382.9401

3.3661

368.9186,
352.6198, 451.8250

0.6630, 0.0621,
1.2845

0.0000, 0.0000,
0.0490

65.1932, 57.6799,
84.0412

65.1932, 57.6799,
84.0412

60.7309, 48.7543,
82.5542

70.4509, 68.1943,
85.7946

57.0203, 41.3333,
81.3171

76.5345, 80.3614,
87.8227

54.0218, 35.3362,
80.3174

83.4794, 94.2510,
90.1379

51.6896, 30.6720,
79.5398

83.6051, 94.5024,
90.1800

49.9731, 27.2390,
78.9674

83.6051, 94.5024,
90.1802

48.8140, 24.9210,
78.5808

83.6052, 94.5025,
90.1805

48.1432, 23.5794,
78.3570

83.6052, 94.5025,
90.1807

47.8446, 22.9822,
78.2573

83.6053, 94.5025,
90.1809

83.6053, 94.5025,
90.1812

Harmonies

Analogous

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



60.0970, 57.6799, 98.6951



65.1932, 57.6799, 84.0412



67.5147, 57.6799, 65.4779

Triad

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



65.1932, 57.6799, 84.0412



55.7490, 57.6799, 34.6667



44.8056, 57.6799, 78.6156

Complementary

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



65.1932, 57.6799, 84.0412



57.6235, 71.5322, 56.6721

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.



43.8307, 57.6799, 60.2032



65.1932, 57.6799, 84.0412



49.8670, 57.6799, 36.8770

Square

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



65.1932, 57.6799, 84.0412



61.8086, 57.6799, 38.7573



45.6153, 57.6799, 45.4841



48.3846, 57.6799, 95.1732

Rectangle

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



65.1932, 57.6799, 84.0412



67.0585, 57.6799, 54.1348



45.6153, 57.6799, 45.4841



44.1745, 57.6799, 72.3517

Sweetspot

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



65.1950, 57.6824, 84.0424



90.3618, 90.6237, 107.3371



51.9246, 50.8413, 83.4219



19.2368, 19.1886, 22.9398



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.



65.1950, 57.6824, 84.0424



78.5372, 66.9746, 103.3951



62.0765, 56.4350, 67.6210



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4447



1.9628, 0.9428, 3.2104

Inverse Universe

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



65.1950, 57.6824, 84.0424



78.5372, 66.9746, 103.3951



60.3131, 72.6080, 70.8357



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4447



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 65.1932, 57.6799, 84.0412 looks on a white background.

Color Contrast Check

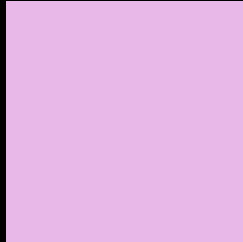
Large Text (above 18pt) WCAG AA × Fail

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 65.1932, 57.6799, 84.0412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

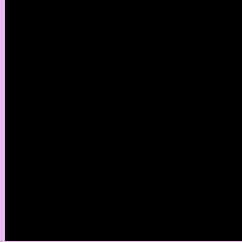
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1932, 57.6799, 84.0412

Background



This preview shows how black text looks on a background with the XYZ color 65.1932, 57.6799, 84.0412.



This preview shows how white text looks on a background with the XYZ color 65.1932, 57.6799,

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

65.1932, 57.6799, 84.0412

Protanopia

57.5571, 57.8154, 91.3450

Deuteranopia

58.9749, 57.7225, 82.8962



Tritanopia

61.4278, 57.7287, 65.6628

Trichromacy



Original Color

65.1932, 57.6799, 84.0412

Protanomaly

59.9562, 57.4348, 88.8149

Deuteranomaly

61.0789, 57.4782, 83.4765

Tritanomaly

62.5621, 57.5307, 72.0971

Monochromacy



Original Color

65.1932, 57.6799, 84.0412

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.8354, 59.0837, 71.8690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1932, 57.6799, 84.0412 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, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 185, 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(232, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 185, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.1932, 57.6799, 84.0412 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, 185, 232) }
```


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

```
.border{ border-color:rgb(232, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 185,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1932, 57.6799, 84.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 185, 232) }
```

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

```
.background{ background-color: rgb(232,  
185, 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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