

Converting Colors

XYZ(66.2616, 57.6337, 85.3825)

Have a look what the booklet for
XYZ(66.2616, 57.6337, 85.3825)
contains.

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Color

**XYZ(66.3768, 57.6404,
85.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB7EA
RGB	236, 183, 234
RGB Percent	93%, 72%, 92%
CMY	0.0745, 0.2823, 0.0823
CMYK	0.00, 0.22, 0.01, 0.07
HSL	302°, 58%, 82%
HSV	302°, 22%, 93%
XYZ	66.3768, 57.6404, 85.4692
YIQ	204.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

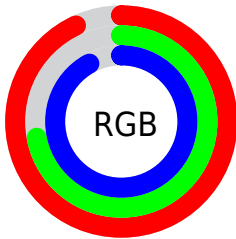
Format	Color
R _Y B	236, 183, 234
Decimal	15513578
CIE Lab	80.54, 27.49, -18.05
CIE LCh	81, 32.885, 326.715
Yxy	57.6404, 0.3169, 0.2752
Android (android.graphics.Color)	4293703658 (0xFFECB7EA)
YUV	204.6610, 14.4641, 27.4843
Hunter-Lab	75.9213, 23.1976, -13.6015

Details

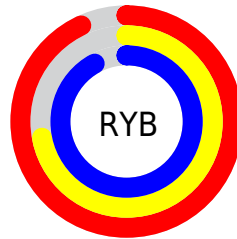
The XYZ color **66.3768, 57.6404, 85.4692** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.2831, 73.5626, 57.0292**, and the grayscale version is **57.7189, 60.7248, 66.1293**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **34.8409, 28.8829, 45.8581** is the 20% darker color. If you saturate the color by 10%, you get **61.7842, 48.6585, 83.3092**, and if you desaturate by 10%, it is **71.7897, 68.2598, 87.9071**.

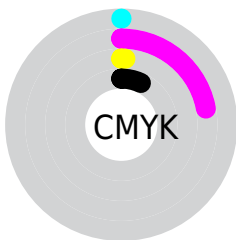
Distribution



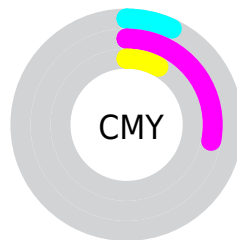
- Red (93%)
- Green (72%)
- Blue (92%)



- Red (93%)
- Yellow (72%)
- Blue (92%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3768, 57.6404, 85.4692 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 66.3768, 57.6404, 85.4692 by changing the saturation by 10% instead.

66.3768, 57.6404,
85.4692

66.3768, 57.6404,
85.4692

437.1907,
415.8446, 533.3644

48.8472, 41.5196,
63.6768

113.0817,
101.3990, 142.9085

34.7123, 28.7253,
45.9444

142.9877,
129.8056, 179.3925

23.6068, 18.8731,
31.8536

177.7499,
163.0763, 221.6107

15.1654, 11.5786,
20.9858

217.7336,
201.5955, 269.9817

9.0226, 6.4575,
12.9225

263.3041,
245.7475, 324.9240

4.8132, 3.1252,
7.2451

314.8269,

2.1717, 1.1974,

295.9168, 386.8562

3.5351

372.6673,
352.4877, 456.1968

0.7277, 0.0596,
1.3739

0.0000, 0.0000,
0.1213

66.3768, 57.6404,
85.4692

66.3768, 57.6404,
85.4692

61.7842, 48.6585,
83.3092

71.7897, 68.2598,
87.9071

57.9660, 41.2253,
81.4099

78.0553, 80.5848,
90.6318

54.8797, 35.2549,
79.7576

85.2111, 94.6889,
93.6563

52.4767, 30.6501,
78.3364

85.7211, 95.5005,
94.4688

50.7025, 27.3020,
77.1279

85.8520, 95.5529,
95.1582

49.4945, 25.0851,
76.1112

85.9835, 95.6055,
95.8509

48.7768, 23.8479,
75.2611

86.1157, 95.6584,
96.5471

48.4706, 23.3843,
74.7003

86.2486, 95.7115,
97.2466

86.3821, 95.7649,
97.9497

Harmonies

Analogous

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



60.8347, 57.6404, 102.1983



66.3768, 57.6404, 85.4692



68.8032, 57.6404, 64.9162

Triad

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



66.3768, 57.6404, 85.4692



55.5331, 57.6404, 32.4661



43.9828, 57.6404, 81.0133

Complementary

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



66.3768, 57.6404, 85.4692



58.2831, 73.5626, 57.0292

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.



42.8141, 57.6404, 60.6532



66.3768, 57.6404, 85.4692



49.1512, 57.6404, 35.0514

Square

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



66.3768, 57.6404, 85.4692



62.2274, 57.6404, 36.5169



44.6288, 57.6404, 44.4791



47.9618, 57.6404, 99.2764

Rectangle

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



66.3768, 57.6404, 85.4692



68.1910, 57.6404, 52.6579



44.6288, 57.6404, 44.4791



43.2632, 57.6404, 74.0793

Sweetspot

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



66.3786, 57.6429, 85.4704



89.5093, 89.0920, 106.5190



52.0278, 50.2114, 86.3074



19.0616, 18.8784, 22.7573



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.



66.3786, 57.6429, 85.4704



76.4649, 63.4948, 100.6550



62.8799, 56.2435, 67.0469



15.6888, 15.3034, 18.9126



26.7290, 12.8943, 41.2355



2.1066, 1.0156, 3.2785

Inverse Universe

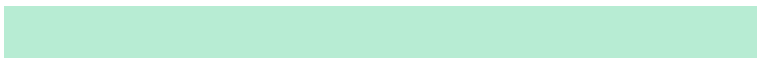
The Inverse Universe completely reimagines the original color for something new.



66.3786, 57.6429, 85.4704



76.4649, 63.4948, 100.6550



61.3173, 74.7763, 73.0071



15.6888, 15.3034, 18.9126



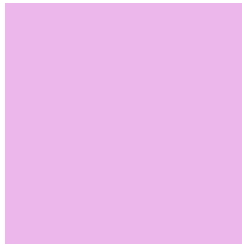
26.7290, 12.8943, 41.2355



2.1066, 1.0156, 3.2785

Previews

White Background



This preview shows how the XYZ color 66.3768, 57.6404, 85.4692 looks on a white background.

Color Contrast Check

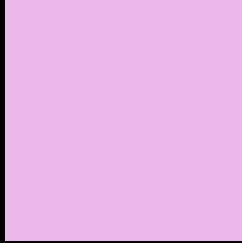
Large Text (above 18pt) WCAG AA × Fail

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 66.3768, 57.6404, 85.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

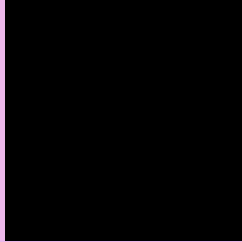
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3768, 57.6404, 85.4692

Background



This preview shows how black text looks on a background with the XYZ color 66.3768, 57.6404, 85.4692.



This preview shows how white text looks on a background with the XYZ color 66.3768, 57.6404,

85.4692.

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

66.3768, 57.6404, 85.4692

Protanopia

57.7584, 57.8670, 93.7132

Deuteranopia

58.9824, 57.6938, 84.3712



Tritanopia

62.2558, 57.8628, 64.3873

Trichromacy



Original Color

66.3768, 57.6404, 85.4692

Protanomaly

60.5303, 57.6966, 90.3843

Deuteranomaly

61.6577, 57.7437, 84.9867

Tritanomaly

63.5122, 57.7193, 71.4118

Monochromacy



Original Color

66.3768, 57.6404, 85.4692

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.6798, 59.4893, 73.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3768, 57.6404, 85.4692 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(236, 183, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 183, 234)  
}
```

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(236, 183, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 183, 234) }
```

Border

The CSS property to change the border of an element to XYZ 66.3768, 57.6404, 85.4692 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(236, 183, 234) }
```


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

```
.border{ border-color:rgb(236, 183, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 183, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 183, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 183, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 183,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3768, 57.6404, 85.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 183, 234) }
```

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

```
.background{ background-color: rgb(236,  
183, 234) }
```

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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