

Converting Colors

XYZ(65.9930, 58.4699, 83.8311)

Have a look what the booklet for
XYZ(65.9930, 58.4699, 83.8311)
contains.

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Color

**XYZ(66.0561, 58.4364,
84.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	EABAE8
RGB	234, 186, 232
RGB Percent	92%, 73%, 91%
CMY	0.0823, 0.2706, 0.0902
CMYK	0.00, 0.21, 0.01, 0.08
HSL	303°, 53%, 82%
HSV	303°, 21%, 92%
XYZ	66.0561, 58.4364, 84.1418
YIQ	205.5960, 13.8420, 24.4820

Conversions

Conversions Part 2

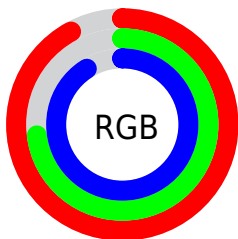
Format	Color
RYB	234, 186, 232
Decimal	15383272
CIELab	80.98, 24.87, -16.32
CIELCh	81, 29.748, 326.717
Yxy	58.4364, 0.3166, 0.2801
Android (android.graphics.Color)	4293573352 (0xFFEABAE8)
YUV	205.5960, 13.0172, 24.9103
Hunter-Lab	76.4437, 20.4679, -11.7501

Details

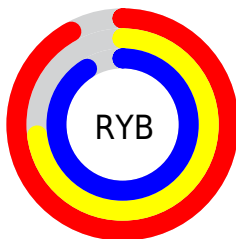
The XYZ color **66.0561, 58.4364, 84.1418** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.7519, 72.9174, 58.5580**, and the grayscale version is **58.3229, 61.3602, 66.8212**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **34.4478, 29.1021, 44.8760** is the 20% darker color. If you saturate the color by 10%, you get **61.3868, 49.3180, 81.9044**, and if you desaturate by 10%, it is **71.5369, 69.1746, 86.6548**.

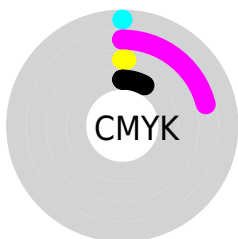
Distribution



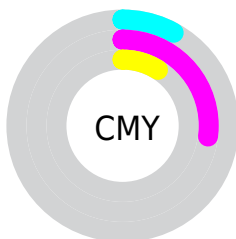
- Red (92%)
- Green (73%)
- Blue (91%)



- Red (92%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0561, 58.4364, 84.1418 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 66.0561, 58.4364, 84.1418 by changing the saturation by 10% instead.

66.0561, 58.4364,
84.1418

66.0561, 58.4364,
84.1418

436.0630,
418.8101, 528.8544

48.5858, 42.1596,
62.5865

112.6241,
102.5581, 141.0370

34.5042, 29.2263,
45.0679

142.4526,
131.1717, 177.2140

23.4459, 19.2521,
31.1676

177.1312,
164.6665, 219.1018

15.0456, 11.8526,
20.4669

217.0252,
203.4267, 267.1192

8.9379, 6.6434,
12.5475

262.5000,
247.8368, 321.6846

4.7575, 3.2401,
6.9906

313.9210,

2.1390, 1.2583,

298.2811, 383.2166

3.3779

371.6535,
355.1441, 452.1336

■ 0.7103, 0.1086,
1.2907

■ 0.0000, 0.0000,
0.0541

■ 66.0561, 58.4364,
84.1418

■ 66.0561, 58.4364,
84.1418

■ 61.3868, 49.3180,
81.9044

■ 71.5369, 69.1746,
86.6548

■ 57.4846, 41.7333,
79.9258

■ 77.8604, 81.5982,
89.4519

■ 54.3085, 35.5999,
78.1930

■ 84.6771, 95.0066,
92.4172

■ 51.8120, 30.8243,
76.6906

■ 84.8183, 95.0632,
93.1611

49.9430, 27.3024,
75.4010

84.9604, 95.1200,
93.9091

48.6418, 24.9151,
74.3045

85.1032, 95.1771,
94.6612

47.8374, 23.5201,
73.3774

85.2468, 95.2345,
95.4174

47.4205, 22.8880,
72.6166

85.3912, 95.2923,
96.1777

85.5364, 95.3504,
96.9421

Harmonies

Analogous

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



61.0455, 58.4364, 99.0368



66.0561, 58.4364, 84.1418



68.2412, 58.4364, 65.5918

Triad

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



66.0561, 58.4364, 84.1418



56.2238, 58.4364, 35.3890



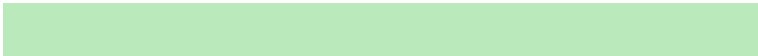
45.6094, 58.4364, 80.1488

Complementary

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



66.0561, 58.4364, 84.1418



58.7519, 72.9174, 58.5580

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.



44.5250, 58.4364, 61.7025



66.0561, 58.4364, 84.1418



50.3797, 58.4364, 37.8587

Square

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



66.0561, 58.4364, 84.1418



62.3066, 58.4364, 39.2511



46.2074, 58.4364, 46.7517



49.2857, 58.4364, 96.4479

Rectangle

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



66.0561, 58.4364, 84.1418



67.6901, 58.4364, 54.3503



46.2074, 58.4364, 46.7517



44.9420, 58.4364, 73.9041

Sweetspot

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



66.0579, 58.4390, 84.1431



90.2593, 90.5827, 106.7975



53.0534, 51.7019, 85.0264



19.2125, 19.1789, 22.8117



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.



66.0579, 58.4390, 84.1431



77.5505, 65.6808, 100.9710



62.9271, 57.1866, 67.6566



15.6861, 15.3023, 18.8983



26.6595, 12.8665, 40.8698



2.1019, 1.0137, 3.2538

Inverse Universe

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



66.0579, 58.4390, 84.1431



77.5505, 65.6808, 100.9710



61.5079, 74.0198, 73.0707



15.6861, 15.3023, 18.8983



26.6595, 12.8665, 40.8698



2.1019, 1.0137, 3.2538

Previews

White Background



This preview shows how the XYZ color 66.0561, 58.4364, 84.1418 looks on a white background.

Color Contrast Check

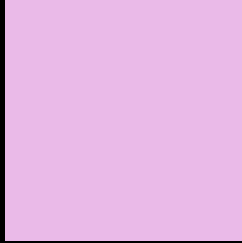
Large Text (above 18pt) WCAG AA × Fail

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 66.0561, 58.4364, 84.1418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

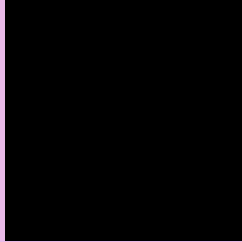
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0561, 58.4364, 84.1418

Background



This preview shows how black text looks on a background with the XYZ color 66.0561, 58.4364, 84.1418.



This preview shows how white text looks on a background with the XYZ color 66.0561, 58.4364,

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

66.0561, 58.4364, 84.1418

Protanopia

58.5238, 58.9969, 91.5221

Deuteranopia

59.7550, 58.4584, 82.9971



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

66.0561, 58.4364, 84.1418

Protanomaly

60.9601, 58.6132, 88.9894

Deuteranomaly

61.8887, 58.2205, 83.5771

Tritanomaly

63.4183, 58.2904, 72.1986

Monochromacy



Original Color

66.0561, 58.4364, 84.1418

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.0081, 60.3521, 72.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0561, 58.4364, 84.1418 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(234, 186, 232)` looks like.

```
.text, #text, p{  
    color:rgb(234, 186, 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(234, 186, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 186, 232) }
```

Border

The CSS property to change the border of an element to XYZ 66.0561, 58.4364, 84.1418 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(234, 186, 232) }
```


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

```
.border{ border-color:rgb(234, 186, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 186, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 186, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 186, 232);  
box-shadow:4px 4px 4px 4px rgb(234, 186,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0561, 58.4364, 84.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 186, 232) }
```

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

```
.background{ background-color: rgb(234,  
186, 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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