

Converting Colors

XYZ(66.6585, 54.5091, 86.6720)

Have a look what the booklet for
XYZ(66.6585, 54.5091, 86.6720)
contains.

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Color

**XYZ(66.5108, 54.4384,
86.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ACEC
RGB	242, 172, 236
RGB Percent	95%, 67%, 93%
CMY	0.0510, 0.3255, 0.0745
CMYK	0.00, 0.29, 0.02, 0.05
HSL	305°, 73%, 81%
HSV	305°, 29%, 95%
XYZ	66.5108, 54.4384, 86.3590
YIQ	200.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

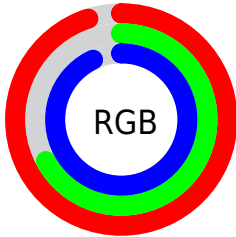
Format	Color
RYB	242, 172, 236
Decimal	15903980
CIELab	78.72, 35.64, -21.83
CIELCh	79, 41.793, 328.517
Yxy	54.4384, 0.3208, 0.2626
Android (android.graphics.Color)	4294094060 (0xFFFF2ACEC)
YUV	200.2260, 17.6366, 36.6358
Hunter-Lab	73.7824, 31.7889, -17.7486

Details

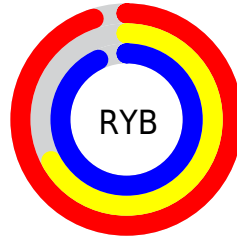
The XYZ color **66.5108, 54.4384, 86.3590** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8035, 75.4910, 53.7000**, and the grayscale version is **54.9260, 57.7864, 62.9294**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **34.8426, 26.8032, 46.5171** is the 20% darker color. If you saturate the color by 10%, you get **62.0186, 45.9326, 83.3836**, and if you desaturate by 10%, it is **71.8485, 64.6277, 89.6347**.

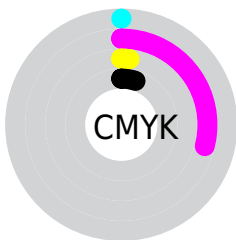
Distribution



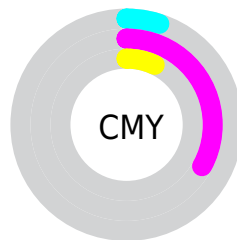
- Red (95%)
- Green (67%)
- Blue (93%)



- Red (95%)
- Yellow (67%)
- Blue (93%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5108, 54.4384, 86.3590 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 66.5108, 54.4384, 86.3590 by changing the saturation by 10% instead.

66.5108, 54.4384,
86.3590

66.5108, 54.4384,
86.3590

437.6614,
403.7796, 536.3756

48.9564, 38.9523,
64.4083

113.2728, 96.7176,
144.1613

34.7993, 26.7226,
46.5331

143.2112,
124.2795, 180.8500

23.6741, 17.3650,
32.3150

178.0082,
156.6355, 223.2885

15.2155, 10.4951,
21.3354

218.0293,
194.1698, 271.8952

9.0580, 5.7284,
13.1758

263.6398,
237.2670, 327.0887

4.8365, 2.6807,
7.4176

315.2051,

2.1854, 0.9674,

286.3115, 389.2876

3.6422

373.0905,
341.6875, 458.9104

■ 0.7350, 0.0000,
1.4312

■ 0.0000, 0.0000,
0.1659

■ 66.5108, 54.4384,
86.3590

■ 66.5108, 54.4384,
86.3590

■ 62.0186, 45.9326,
83.3836

■ 71.8485, 64.6277,
89.6347

■ 58.3212, 39.0118,
80.6897

■ 78.0688, 76.5773,
93.2213

■ 55.3704, 33.5788,
78.2619

■ 85.2126, 90.3684,
97.1332

■ 53.1108, 29.5224,
76.0816

■ 88.7531, 96.9474,
99.8614

51.4790, 26.7162,
74.1276

89.0705, 97.0743,
101.5328

50.4000, 25.0101,
72.3748

89.3915, 97.2027,
103.2229

49.7618, 24.1801,
70.7860

89.7160, 97.3325,
104.9318

49.7037, 24.1116,
70.6195

90.0441, 97.4638,
106.6595

90.3758, 97.5964,
108.4062

Harmonies

Analogous

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



59.7053, 54.4384, 108.9279



66.5108, 54.4384, 86.3590



69.3082, 54.4384, 60.4597

Triad

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



66.5108, 54.4384, 86.3590



52.1544, 54.4384, 24.4269



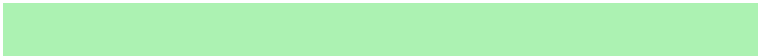
38.9978, 54.4384, 83.7639

Complementary

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



66.5108, 54.4384, 86.3590



56.8035, 75.4910, 53.7000

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.



37.4271, 54.4384, 58.1042



66.5108, 54.4384, 86.3590



44.5204, 54.4384, 27.6047

Square

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



66.5108, 54.4384, 86.3590



60.4923, 54.4384, 28.3184



39.3394, 54.4384, 38.5424



43.8791, 54.4384, 107.1705

Rectangle

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



66.5108, 54.4384, 86.3590



68.3198, 54.4384, 45.9640



39.3394, 54.4384, 38.5424



38.0896, 54.4384, 74.9338

Sweetspot

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



66.5125, 54.4408, 86.3602



87.8455, 86.0953, 104.9438



49.1038, 45.3639, 90.1737



18.5705, 17.9811, 22.3315



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.



66.5125, 54.4408, 86.3602



71.6732, 55.1786, 95.1511



61.9347, 52.6097, 62.2539



16.3924, 16.0067, 19.6226



26.7264, 12.9630, 38.0711



2.2405, 1.0852, 3.2571

Inverse Universe

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



66.5125, 54.4408, 86.3602



71.6732, 55.1786, 95.1511



60.7565, 77.0722, 74.5162



16.3924, 16.0067, 19.6226



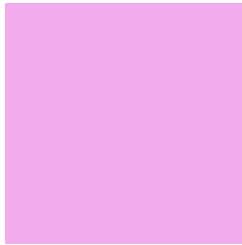
26.7264, 12.9630, 38.0711



2.2405, 1.0852, 3.2571

Previews

White Background



This preview shows how the XYZ color 66.5108, 54.4384, 86.3590 looks on a white background.

Color Contrast Check

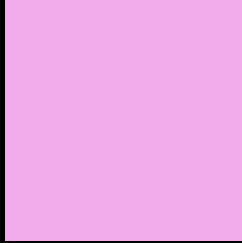
Large Text (above 18pt) WCAG AA × Fail

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 66.5108, 54.4384, 86.3590 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 66.5108, 54.4384, 86.3590

Background



This preview shows how black text looks on a background with the XYZ color 66.5108, 54.4384, 86.3590.



This preview shows how white text looks on a background with the XYZ color 66.5108, 54.4384,

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

66.5108, 54.4384, 86.3590

Protanopia

55.3049, 54.8083, 98.9310

Deuteranopia

55.9612, 54.8236, 83.9765



Tritanopia

60.6509, 54.3704, 58.3368

Trichromacy



Original Color

66.5108, 54.4384, 86.3590



Protanomaly

58.6121, 54.0483, 94.5319



Deuteranomaly

59.2890, 54.3103, 84.4489



Tritanomaly

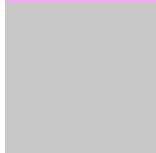
62.4907, 54.2249, 67.4944

Monochromacy



Original Color

66.5108, 54.4384, 86.3590



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.4480, 56.0781, 70.6944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5108, 54.4384, 86.3590 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(242, 172, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 236)  
}
```

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(242, 172, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.5108, 54.4384, 86.3590 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(242, 172, 236) }
```


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

```
.border{ border-color:rgb(242, 172, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5108, 54.4384, 86.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 236) }
```

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

```
.background{ background-color: rgb(242,  
172, 236) }
```

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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