

Converting Colors

XYZ(66.9597, 54.9284, 87.2590)

Have a look what the booklet for
XYZ(66.9597, 54.9284, 87.2590)
contains.

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Color

**XYZ(66.8476, 54.8788,
87.1902)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ADED
RGB	242, 173, 237
RGB Percent	95%, 68%, 93%
CMY	0.0510, 0.3215, 0.0706
CMYK	0.00, 0.29, 0.02, 0.05
HSL	304°, 73%, 81%
HSV	304°, 29%, 95%
XYZ	66.8476, 54.8788, 87.1902
YIQ	200.9270, 20.5800, 34.5320

Conversions

Conversions Part 2

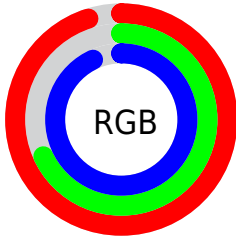
Format	Color
R _Y B	242, 173, 237
Decimal	15904237
CIE _{Lab}	78.97, 35.29, -21.98
CIE _{LCh}	79, 41.576, 328.086
Y _{xy}	54.8788, 0.3200, 0.2627
Android (android.graphics.Color)	4294094317 (0xFFFF2AED)
Y _{UV}	200.9270, 17.7840, 36.0210
Hunter-Lab	74.0802, 31.4322, -17.9264

Details

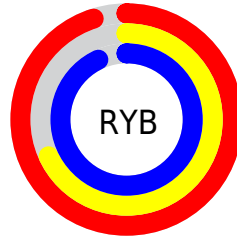
The XYZ color **66.8476, 54.8788, 87.1902** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0238, 75.6046, 53.7103**, and the grayscale version is **55.3580, 58.2409, 63.4244**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.0645, 27.0834, 47.0956** is the 20% darker color. If you saturate the color by 10%, you get **62.3663, 46.3233, 84.4388**, and if you desaturate by 10%, it is **72.1752, 65.1210, 90.2372**.

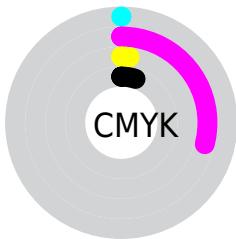
Distribution



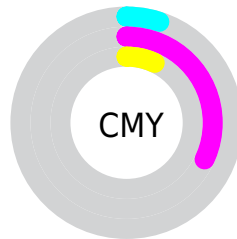
- Red (95%)
- Green (68%)
- Blue (93%)



- Red (95%)
- Yellow (68%)
- Blue (93%)



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





- Cyan (5%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8476, 54.8788, 87.1902 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 66.8476, 54.8788, 87.1902 by changing the saturation by 10% instead.


 66.8476, 54.8788,
87.1902

 66.8476, 54.8788,
87.1902


438.8431,
405.4523, 539.1801

 49.2310, 39.3047,
65.0921


 113.7530, 97.3634,
145.3304

 35.0181, 26.9968,
47.0839

143.7726,
125.0426, 182.2096

 23.8434, 17.5709,
32.7472


178.6572,
157.5257, 224.8529

 15.3416, 10.6423,
21.6633

218.7721,
195.1970, 273.6789

 9.1473, 5.8269,
13.4138

264.4829,
238.4409, 329.1061

 4.8953, 2.7401,
7.5800

316.1547,

 2.2201, 0.9976,

287.6418, 391.5529

3.7435

374.1530,
343.1842, 461.4381

■ 0.7533, 0.0000,
1.4857

■ 0.0000, 0.0000,
0.2073

■ 66.8476, 54.8788,
87.1902

■ 66.8476, 54.8788,
87.1902

■ 62.3663, 46.3233,
84.4388

■ 72.1752, 65.1210,
90.2372

■ 58.6808, 39.3564,
81.9645

■ 78.3861, 77.1265,
93.5905

■ 55.7431, 33.8811,
79.7517

■ 85.5210, 90.9761,
97.2642

■ 53.4979, 29.7870,
77.7820

■ 88.7102, 96.9302,
99.6351

51.8824, 26.9482,
76.0344

88.9778, 97.0373,
101.0447

50.8222, 25.2160,
74.4841

89.2481, 97.1454,
102.4677

50.2105, 24.3769,
73.0955

89.5208, 97.2545,
103.9041

50.1359, 24.2845,
72.8952

89.7962, 97.3646,
105.3540

90.0741, 97.4758,
106.8173

Harmonies

Analogous

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



60.0063, 54.8788, 109.5771



66.8476, 54.8788, 87.1902



69.7116, 54.8788, 61.2872

Triad

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



66.8476, 54.8788, 87.1902



52.6934, 54.8788, 24.8306



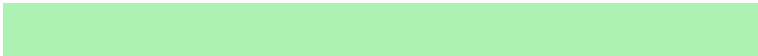
39.3581, 54.8788, 83.8457

Complementary

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



66.8476, 54.8788, 87.1902



57.0238, 75.6046, 53.7103

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.



37.8344, 54.8788, 58.2460



66.8476, 54.8788, 87.1902



45.0305, 54.8788, 27.9211

Square

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



66.8476, 54.8788, 87.1902



61.0216, 54.8788, 28.8468



39.7998, 54.8788, 38.7769



44.2019, 54.8788, 107.3148

Rectangle

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



66.8476, 54.8788, 87.1902



68.7739, 54.8788, 46.7083



39.7998, 54.8788, 38.7769



38.4646, 54.8788, 75.0266

Sweetspot

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



66.8493, 54.8812, 87.1914



87.8940, 86.1147, 105.1993



49.2415, 45.7184, 90.2349



18.5825, 17.9859, 22.3949



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.



66.8493, 54.8812, 87.1914



72.3528, 56.1980, 96.4247



62.3311, 53.0739, 63.3989



16.4019, 16.0105, 19.6728



26.9550, 13.0544, 39.2750



2.2571, 1.0919, 3.3446

Inverse Universe

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



66.8493, 54.8812, 87.1914



72.3528, 56.1980, 96.4247



60.8841, 77.1487, 74.0379



16.4019, 16.0105, 19.6728



26.9550, 13.0544, 39.2750



2.2571, 1.0919, 3.3446

Previews

White Background



This preview shows how the XYZ color 66.8476, 54.8788, 87.1902 looks on a white background.

Color Contrast Check

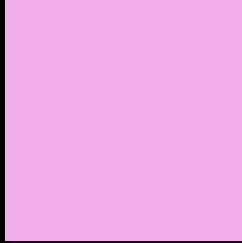
Large Text (above 18pt) WCAG AA × Fail

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 66.8476, 54.8788, 87.1902 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 66.8476, 54.8788, 87.1902

Background



This preview shows how black text looks on a background with the XYZ color 66.8476, 54.8788, 87.1902.



This preview shows how white text looks on a background with the XYZ color 66.8476, 54.8788,

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

66.8476, 54.8788, 87.1902

Protanopia

55.9185, 55.4356, 99.8484

Deuteranopia

56.2470, 54.9379, 85.4814



Tritanopia

60.9663, 54.8207, 58.9979

Trichromacy



Original Color

66.8476, 54.8788, 87.1902



Protanomaly

58.9760, 54.5297, 95.4126



Deuteranomaly

59.5765, 54.4253, 85.9624



Tritanomaly

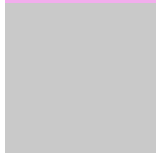
62.8131, 54.6711, 68.2147

Monochromacy



Original Color

66.8476, 54.8788, 87.1902



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.0873, 56.7156, 71.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8476, 54.8788, 87.1902 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, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 237)  
}
```

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, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.8476, 54.8788, 87.1902 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, 173, 237) }
```


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

```
.border{ border-color:rgb(242, 173, 237) }
```

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

Here you see how a box with a 4 pixel rgb(242, 173, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8476, 54.8788, 87.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 237) }
```

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

```
.background{ background-color: rgb(242,  
173, 237) }
```

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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