

Converting Colors

XYZ(66.5047, 48.4404, 86.8660)

Have a look what the booklet for
XYZ(66.5047, 48.4404, 86.8660)
contains.

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Color

**XYZ(66.3249, 48.3634,
86.7283)**

Conversions

Conversions Part 1

Format	Color
Hex	FC95EE
RGB	252, 149, 238
RGB Percent	99%, 58%, 93%
CMY	0.0118, 0.4157, 0.0667
CMYK	0.00, 0.41, 0.06, 0.01
HSL	308°, 94%, 79%
HSV	308°, 41%, 99%
XYZ	66.3249, 48.3634, 86.7283
YIQ	189.9430, 32.8190, 49.5150

Conversions

Conversions Part 2

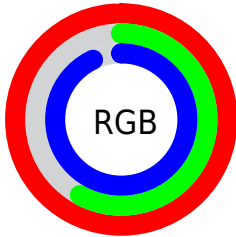
Format	Color
R _Y B	252, 149, 238
Decimal	16553454
CIE Lab	75.05, 51.02, -28.41
CIE LCh	75, 58.392, 330.891
Yxy	48.3634, 0.3293, 0.2401
Android (android.graphics.Color)	4294743534 (0xFFFC95EE)
YUV	189.9430, 23.6921, 54.4240
Hunter-Lab	69.5438, 48.5363, -25.2601

Details

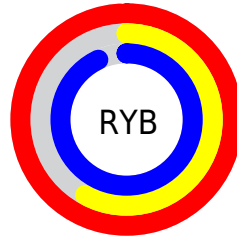
The XYZ color **66.3249, 48.3634, 86.7283** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.8177, 78.6562, 46.9990**, and the grayscale version is **48.7670, 51.3066, 55.8729**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **34.7838, 23.0312, 46.8681** is the 20% darker color. If you saturate the color by 10%, you get **62.2628, 41.0360, 82.9151**, and if you desaturate by 10%, it is **71.2622, 57.4239, 90.8814**.

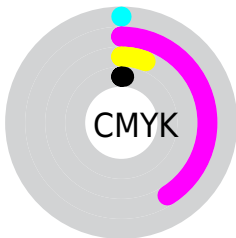
Distribution



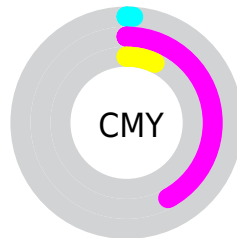
- Red (99%)
- Green (58%)
- Blue (93%)



- Red (99%)
- Yellow (58%)
- Blue (93%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3249, 48.3634, 86.7283 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 66.3249, 48.3634, 86.7283 by changing the saturation by 10% instead.


 66.3249, 48.3634,
86.7283


 66.3249, 48.3634,
86.7283


437.0083,
380.2308, 537.6227

 48.8049, 34.1148,
64.7120

 113.0077, 87.7452,
144.6809

 34.6786, 22.9818,
46.7778

 142.9011,
113.6472, 181.4543

 23.5808, 14.5800,
32.5069


177.6498,
144.2024, 223.9839

 15.1460, 8.5252,
21.4810

217.6190,
179.7952, 272.6881

 9.0089, 4.4328,
13.2814

263.1741,
220.8101, 327.9856

 4.8041, 1.9185,
7.4896


314.6804,


 2.1664, 0.5595,


267.6314, 390.2948


3.6871


372.5034,
320.6435, 460.0343


 0.7249, 0.0000,
1.4553

 0.0000, 0.0000,
0.1843


 66.3249, 48.3634,
86.7283


 66.3249, 48.3634,
86.7283


 62.2628, 41.0360,
82.9151


 71.2622, 57.4239,
90.8814


 59.0149, 35.3228,
79.4199

 77.1212, 68.3133,
95.3887

 56.5199, 31.1004,
76.2224

 83.9506, 81.1281,
100.2673

 54.7058, 28.2245,
73.2983

 91.7944, 95.9562,
105.5321

■ 53.4861, 26.5224,
70.6185

93.9553, 99.4357,
108.8488

■ 52.7670, 25.7443,
68.3437

Harmonies

Analogous

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



57.3268, 48.3634, 120.8907



66.3249, 48.3634, 86.7283



69.6858, 48.3634, 51.7508

Triad

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



66.3249, 48.3634, 86.7283



45.6495, 48.3634, 13.0484



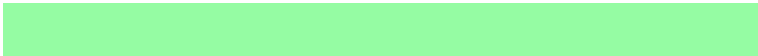
30.5135, 48.3634, 88.9550

Complementary

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



66.3249, 48.3634, 86.7283



53.8177, 78.6562, 46.9990

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.



28.3537, 48.3634, 53.5789



66.3249, 48.3634, 86.7283



36.2183, 48.3634, 16.6175

Square

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



66.3249, 48.3634, 86.7283



56.6887, 48.3634, 16.1975



30.2713, 48.3634, 28.9350



36.6920, 48.3634, 122.4883

Rectangle

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



66.3249, 48.3634, 86.7283



67.9241, 48.3634, 34.3623



30.2713, 48.3634, 28.9350



29.3405, 48.3634, 76.5150

Sweetspot

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



66.3265, 48.3656, 86.7293



85.3907, 81.7416, 102.4121



43.3701, 36.2842, 96.8141



18.0717, 17.1095, 21.7767



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.



66.3265, 48.3656, 86.7293



64.6642, 43.4125, 85.8720



59.8388, 45.7705, 52.5660



17.8856, 17.4816, 21.2532



27.5272, 13.4266, 35.8145



2.5767, 1.2544, 3.4601

Inverse Universe

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



66.3265, 48.3656, 86.7293



64.6642, 43.4125, 85.8720



59.3741, 80.8788, 76.2585



17.8856, 17.4816, 21.2532



27.5272, 13.4266, 35.8145



2.5767, 1.2544, 3.4601

Previews

White Background



This preview shows how the XYZ color 66.3249, 48.3634, 86.7283 looks on a white background.

Color Contrast Check

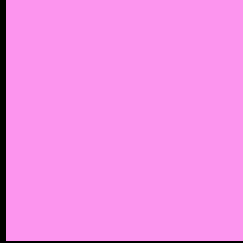
Large Text (above 18pt) WCAG AA × Fail

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 66.3249, 48.3634, 86.7283 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 66.3249, 48.3634, 86.7283

Background



This preview shows how black text looks on a background with the XYZ color 66.3249, 48.3634, 86.7283.



This preview shows how white text looks on a background with the XYZ color 66.3249, 48.3634,

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

66.3249, 48.3634, 86.7283

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

49.8838, 48.8658, 83.1468



Tritanopia

57.9664, 48.1689, 46.7998

Trichromacy



Original Color

66.3249, 48.3634, 86.7283



Protanomaly

54.1675, 47.5675, 95.9490



Deuteranomaly

54.6796, 47.8118, 84.1886



Tritanomaly

60.6078, 47.9653, 59.4899

Monochromacy



Original Color

66.3249, 48.3634, 86.7283



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

54.0330, 49.3111, 65.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3249, 48.3634, 86.7283 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(252, 149, 238)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 238)  
}
```

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(252, 149, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.3249, 48.3634, 86.7283 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(252, 149, 238) }
```


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

```
.border{ border-color:rgb(252, 149, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 238);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3249, 48.3634, 86.7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 238) }
```

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

```
.background{ background-color: rgb(252,  
149, 238) }
```

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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