

Converting Colors

XYZ(66.0533, 46.6621, 84.8822)

Have a look what the booklet for
XYZ(66.0533, 46.6621, 84.8822)
contains.

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Color

**XYZ(66.0533, 46.6621,
84.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EEC
RGB	255, 142, 236
RGB Percent	100%, 56%, 93%
CMY	0.0000, 0.4431, 0.0745
CMYK	0.00, 0.44, 0.07, 0.00
HSL	310°, 100%, 78%
HSV	310°, 44%, 100%
XYZ	66.0533, 46.6621, 84.8822
YIQ	186.5030, 37.1740, 53.1900

Conversions

Conversions Part 2

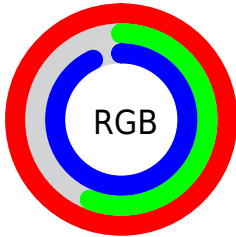
Format	Color
R_{YB}	255, 142, 236
Decimal	16748268
CIE _{Lab}	73.97, 55.07, -28.94
CIE _{LCh}	74, 62.211, 332.274
Yxy	46.6621, 0.3343, 0.2361
Android (android.graphics.Color)	4294938348 (0xFFFF8EEC)
YUV	186.5030, 24.4020, 60.0719
Hunter-Lab	68.3097, 53.0620, -25.8575

Details

The XYZ color **66.0533, 46.6621, 84.8822** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.3499, 79.8447, 46.3204**, and the grayscale version is **46.8081, 49.2458, 53.6287**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **34.4114, 21.8474, 45.5833** is the 20% darker color. If you saturate the color by 10%, you get **62.0687, 39.6777, 80.5177**, and if you desaturate by 10%, it is **70.9227, 55.3917, 89.6166**.

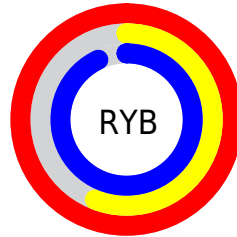
Distribution



Red (100%)

Green (56%)

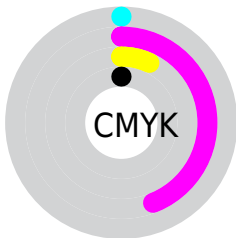
Blue (93%)



Red (100%)

Yellow (56%)

Blue (93%)

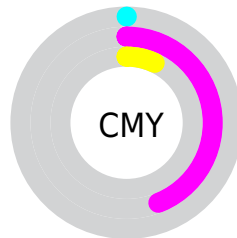


Cyan (0%)

Magenta (44%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0533, 46.6621, 84.8822 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 66.0533, 46.6621, 84.8822 by changing the saturation by 10% instead.


 66.0533, 46.6621,
84.8822


 66.0533, 46.6621,
84.8822


436.0531,
373.4642, 531.3726

 48.5835, 32.7686,
63.1945

 112.6201, 85.2090,
142.0813

 34.5024, 21.9492,
45.5565


 142.4479,
110.6313, 178.4297

 23.4445, 13.8196,
31.5499


177.1257,
140.6652, 220.5021

 15.0446, 7.9953,
20.7560

217.0190,
175.6952, 268.7170

 8.9372, 4.0919,
12.7562

262.4930,
216.1057, 323.4930

 4.7570, 1.7251,
7.1322

313.9131,

 2.1387, 0.4398,

262.2811, 385.2485

3.4652

371.6447,
314.6058, 454.4022

■ 0.7101, 0.0000,
1.3368

■ 0.0000, 0.0000,
0.0917

■ 66.0533, 46.6621,
84.8822

■ 66.0533, 46.6621,
84.8822

■ 62.0687, 39.6777,
80.5177

■ 70.9227, 55.3917,
89.6166

■ 58.9056, 34.3128,
76.4997

■ 76.7281, 65.9694,
94.7367

■ 56.4974, 30.4341,
72.8062

■ 83.5205, 78.4968,
100.2606

■ 54.7655, 27.8846,
69.4103

■ 91.3463, 93.0666,
106.2042

■ 53.6135, 26.4717, 95.0500, 100.0000,
66.2795 108.9000

■ 53.1393, 26.0197,
64.5906

Harmonies

Analogous

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



56.7515, 46.6621, 121.9947



66.0533, 46.6621, 84.8822



69.2786, 46.6621, 48.4206

Triad

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



66.0533, 46.6621, 84.8822



43.5096, 46.6621, 10.9350



28.6418, 46.6621, 90.9341

Complementary

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



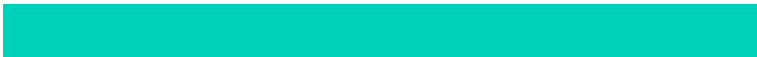
66.0533, 46.6621, 84.8822



53.3499, 79.8447, 46.3204

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.



26.2600, 46.6621, 53.2707



66.0533, 46.6621, 84.8822



33.9027, 46.6621, 14.6682

Square

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



66.0533, 46.6621, 84.8822



55.0405, 46.6621, 13.6343



28.0139, 46.6621, 27.3443



35.1435, 46.6621, 126.3946

Rectangle

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



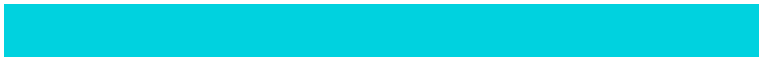
66.0533, 46.6621, 84.8822



67.1788, 46.6621, 30.9819



28.0139, 46.6621, 27.3443



27.3869, 46.6621, 77.6757

Sweetspot

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



66.0544, 46.6640, 84.8831



84.4869, 80.2891, 101.0157



42.3893, 34.1281, 98.9610



17.7377, 16.5438, 21.3504



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.



66.0544, 46.6640, 84.8831



62.5431, 40.4988, 81.0699



59.1186, 43.8897, 48.3600



18.6538, 18.2448, 22.0600



27.8148, 13.6152, 34.0050



2.7414, 1.3390, 3.4858

Inverse Universe

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



66.0544, 46.6640, 84.8831



62.5431, 40.4988, 81.0699



59.4844, 82.2986, 78.6246



18.6538, 18.2448, 22.0600



27.8148, 13.6152, 34.0050



2.7414, 1.3390, 3.4858

Previews

White Background



This preview shows how the XYZ color 66.0533, 46.6621, 84.8822 looks on a white background.

Color Contrast Check

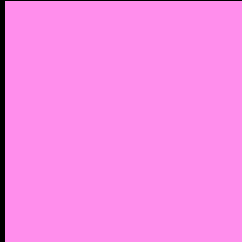
Large Text (above 18pt) WCAG AA × Fail

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 66.0533, 46.6621, 84.8822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

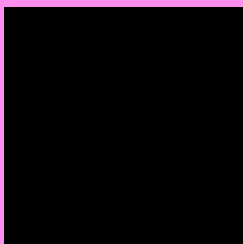
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0533, 46.6621, 84.8822

Background



This preview shows how black text looks on a background with the XYZ color 66.0533, 46.6621, 84.8822.



This preview shows how white text looks on a background with the XYZ color 66.0533, 46.6621,

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

66.0533, 46.6621, 84.8822

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

47.9422, 47.0113, 80.6760



Tritanopia

57.4826, 46.7153, 43.0331

Trichromacy



Original Color

66.0533, 46.6621, 84.8822



Protanomaly

52.8276, 45.5191, 94.8087



Deuteranomaly

53.1035, 45.9360, 82.4116



Tritanomaly

60.2782, 46.6307, 56.2757

Monochromacy



Original Color

66.0533, 46.6621, 84.8822



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

52.7337, 47.5306, 64.1526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0533, 46.6621, 84.8822 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(255, 142, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 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(255, 142, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.0533, 46.6621, 84.8822 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(255, 142, 236) }
```


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

```
.border{ border-color:rgb(255, 142, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0533, 46.6621, 84.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 236) }
```

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

```
.background{ background-color: rgb(255,  
142, 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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