

Converting Colors

XYZ(68.3856, 48.2781, 96.9528)

Have a look what the booklet for
XYZ(68.3856, 48.2781, 96.9528)
contains.

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Color

**XYZ(68.4110, 48.2867,
96.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	FE91FB
RGB	254, 145, 251
RGB Percent	100%, 57%, 98%
CMY	0.0039, 0.4313, 0.0157
CMYK	0.00, 0.43, 0.01, 0.00
HSL	302°, 98%, 78%
HSV	302°, 43%, 100%
XYZ	68.4110, 48.2867, 96.9814
YIQ	189.6750, 30.9380, 56.0740

Conversions

Conversions Part 2

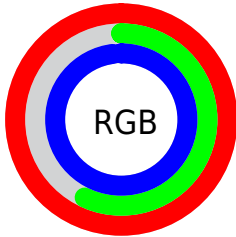
Format	Color
RYB	254, 145, 251
Decimal	16683515
CIELab	75.01, 55.83, -35.52
CIELCh	75, 66.170, 327.530
Yxy	48.2867, 0.3202, 0.2260
Android (android.graphics.Color)	4294873595 (0xFFFE91FB)
YUV	189.6750, 30.2332, 56.4130
Hunter-Lab	69.4886, 54.1267, -34.1057

Details

The XYZ color **68.4110, 48.2867, 96.9814** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.4662, 79.0431, 40.5114**, and the grayscale version is **48.5776, 51.1075, 55.6560**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **35.8994, 22.8095, 53.5495** is the 20% darker color. If you saturate the color by 10%, you get **64.8454, 41.3305, 95.2505**, and if you desaturate by 10%, it is **72.8478, 56.9824, 99.0057**.

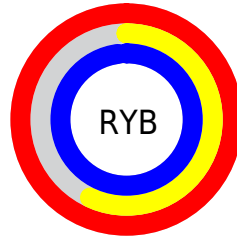
Distribution



Red (100%)

Green (57%)

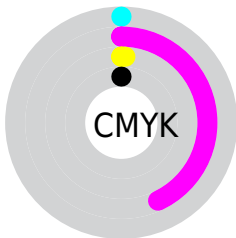
Blue (98%)



Red (100%)

Yellow (57%)

Blue (98%)

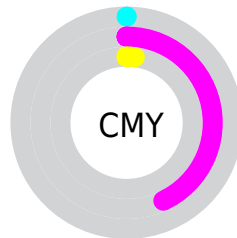


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4110, 48.2867, 96.9814 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 68.4110, 48.2867, 96.9814 by changing the saturation by 10% instead.


 68.4110, 48.2867,
96.9814


 68.4110, 48.2867,
96.9814


444.3048,
379.9274, 571.6345

 50.5071, 34.0540,
73.1792


 115.9786, 87.6311,
159.0182

 36.0359, 22.9351,
53.6298


 146.3730,
113.5116, 198.0899

 24.6322, 14.5456,
37.9146


181.6615,
144.0435, 243.0886

 15.9305, 8.5011,
25.6151

222.2097,
179.6111, 294.4327

 9.5655, 4.4172,
16.3127

268.3827,
220.5990, 352.5408

 5.1719, 1.9096,
9.5890

320.5460,

 2.3843, 0.5541,

267.3914, 417.8314

5.0253

379.0649,
320.3727, 490.7232

■ 0.8373, 0.0000,
2.2031

■ 0.0000, 0.0000,
0.6762

■ 68.4110, 48.2867,
96.9814

■ 68.4110, 48.2867,
96.9814

■ 64.8454, 41.3305,
95.2505

■ 72.8478, 56.9824,
99.0057

■ 62.0876, 35.9904,
93.7903

■ 78.2039, 67.5173,
101.3379

■ 60.0735, 32.1370,
92.5801

■ 84.5299, 79.9913,
103.9955

■ 58.7272, 29.6185,
91.5945

■ 91.8712, 94.4951,
106.9935

■ 57.9564, 28.2505,
90.8027

94.6027, 99.7787,
108.4569

■ 57.6634, 27.7870,
90.3271

94.6836, 99.8111,
108.8829

Harmonies

Analogous

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



57.4891, 48.2867, 136.3696



68.4110, 48.2867, 96.9814



73.2296, 48.2867, 55.4952

Triad

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



68.4110, 48.2867, 96.9814



46.9033, 48.2867, 10.1879



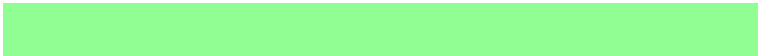
28.2264, 48.2867, 89.7032

Complementary

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



68.4110, 48.2867, 96.9814



52.4662, 79.0431, 40.5114

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.



26.3818, 48.2867, 49.7610



68.4110, 48.2867, 96.9814



35.9751, 48.2867, 12.8996

Square

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



68.4110, 48.2867, 96.9814



59.5274, 48.2867, 14.0561



28.9565, 48.2867, 24.3405



34.5212, 48.2867, 131.0290

Rectangle

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



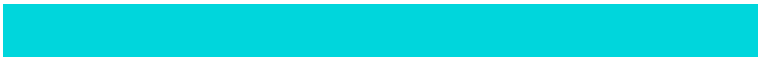
68.4110, 48.2867, 96.9814



71.7957, 48.2867, 34.9781



28.9565, 48.2867, 24.3405



27.1193, 48.2867, 75.2638

Sweetspot

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



68.4126, 48.2889, 96.9824



85.2248, 80.5843, 104.9018



40.0168, 33.5952, 98.1425



17.9219, 16.6175, 22.3205



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.



68.4126, 48.2889, 96.9824



66.0461, 42.9061, 96.4148



61.1569, 45.3866, 58.7743



18.7698, 18.2912, 22.6709



30.4101, 14.6533, 47.6716



2.9675, 1.4294, 4.6762

Inverse Universe

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



68.4126, 48.2889, 96.9824



66.0461, 42.9061, 96.4148



57.7007, 81.1369, 68.0760



18.7698, 18.2912, 22.6709



30.4101, 14.6533, 47.6716



2.9675, 1.4294, 4.6762

Previews

White Background



This preview shows how the XYZ color 68.4110, 48.2867, 96.9814 looks on a white background.

Color Contrast Check

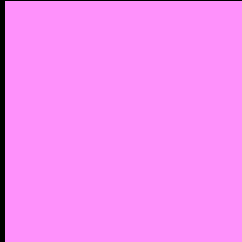
Large Text (above 18pt) WCAG AA × Fail

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 68.4110, 48.2867, 96.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

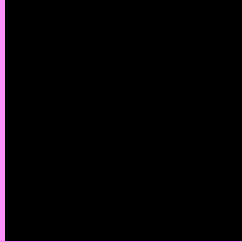
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4110, 48.2867, 96.9814

Background



This preview shows how black text looks on a background with the XYZ color 68.4110, 48.2867, 96.9814.



This preview shows how white text looks on a background with the XYZ color 68.4110, 48.2867,

96.9814.

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

68.4110, 48.2867, 96.9814

Protanopia

49.8838, 48.7684, 101.3918

Deuteranopia

49.8517, 48.6455, 92.3500



Tritanopia

57.8685, 48.1298, 46.2844

Trichromacy



Original Color

68.4110, 48.2867, 96.9814



Protanomaly

54.5830, 47.1338, 99.9868



Deuteranomaly

55.0639, 47.5088, 94.2636



Tritanomaly

61.2605, 47.9977, 61.9128

Monochromacy



Original Color

68.4110, 48.2867, 96.9814



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

54.4603, 49.1717, 68.9081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4110, 48.2867, 96.9814 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(254, 145, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 145, 251)  
}
```

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(254, 145, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 145, 251) }
```

Border

The CSS property to change the border of an element to XYZ 68.4110, 48.2867, 96.9814 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(254, 145, 251) }
```


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

```
.border{ border-color:rgb(254, 145, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 145, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 145, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 145, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 145,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4110, 48.2867, 96.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 145, 251) }
```

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

```
.background{ background-color: rgb(254,  
145, 251) }
```

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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