

Converting Colors

XYZ(67.3513, 48.3563,
100.3916)

Have a look what the booklet for
XYZ(67.3513, 48.3563, 100.3916)
contains.

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Color

**XYZ(67.3513, 48.3563,
100.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	F894FF
RGB	248, 148, 255
RGB Percent	97%, 58%, 100%
CMY	0.0274, 0.4196, 0.0000
CMYK	0.03, 0.42, 0.00, 0.00
HSL	296°, 100%, 79%
HSV	296°, 42%, 100%
XYZ	67.3513, 48.3563, 100.3916
YIQ	190.0980, 25.2530, 54.4770

Conversions

Conversions Part 2

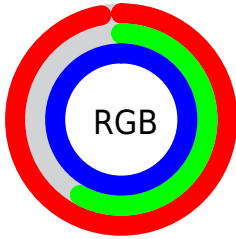
Format	Color
R_{YB}	248, 148, 255
Decimal	16291071
CIE _{Lab}	75.05, 53.31, -37.68
CIE _{LCh}	75, 65.283, 324.749
Yxy	48.3563, 0.3117, 0.2238
Android (android.graphics.Color)	4294481151 (0xFFFF894FF)
YUV	190.0980, 31.9967, 50.7801
Hunter-Lab	69.5387, 51.1924, -36.9187

Details

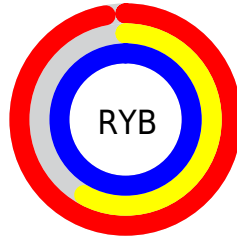
The XYZ color **67.3513, 48.3563, 100.3916** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.6241, 80.6273, 40.7030**, and the grayscale version is **48.8128, 51.3549, 55.9255**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **35.4310, 23.0298, 56.0039** is the 20% darker color. If you saturate the color by 10%, you get **63.1950, 40.9168, 99.1747**, and if you desaturate by 10%, it is **72.3968, 57.5645, 101.9031**.

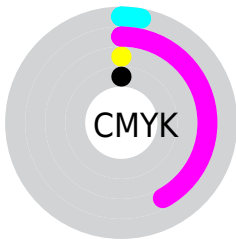
Distribution



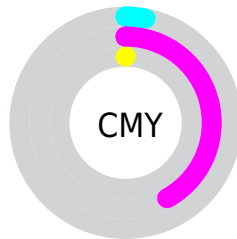
- Red (97%)
- Green (58%)
- Blue (100%)



- Red (97%)
- Yellow (58%)
- Blue (100%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3513, 48.3563, 100.3916 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 67.3513, 48.3563, 100.3916 by changing the saturation by 10% instead.


 67.3513, 48.3563,
100.3916


 67.3513, 48.3563,
100.3916


440.6070,
380.2027, 582.7049

 49.6419, 34.1091,
76.0089


 114.4707, 87.7347,
163.7518

 35.3456, 22.9775,
55.9331

 144.6114,
113.6346, 203.5664

 24.0970, 14.5769,
39.7457


179.6265,
144.1877, 249.3620

 15.5307, 8.5230,
27.0280

219.8815,
179.7782, 301.5572

 9.2814, 4.4314,
17.3616

265.7417,
220.7906, 360.5706

 4.9838, 1.9177,
10.3280

317.5725,

 2.2724, 0.5590,

267.6092, 426.8206

5.5085

375.7391,
320.6184, 500.7259

■ 0.7805, 0.0000,
2.4847

■ 0.0000, 0.0000,
0.8320

■ 67.3513, 48.3563,
100.3916

■ 67.3513, 48.3563,
100.3916

■ 63.1950, 40.9168,
99.1747

■ 72.3968, 57.5645,
101.9031

■ 59.8650, 35.1229,
98.2319

■ 78.3801, 68.6414,
103.7258

■ 57.2970, 30.8454,
97.5416

■ 85.3518, 81.6872,
105.8764

■ 55.4157, 27.9334,
97.0787

■ 93.3573, 96.7928,
108.3702

■ 54.1298, 26.2045,
96.8128

95.0500, 100.0000,
108.9000

■ 53.4178, 25.4528,
96.7052

Harmonies

Analogous

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



56.2476, 48.3563, 137.6716



67.3513, 48.3563, 100.3916



72.7935, 48.3563, 58.8950

Triad

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



67.3513, 48.3563, 100.3916



48.0924, 48.3563, 10.5888



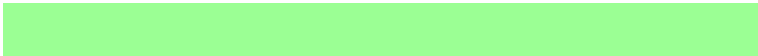
28.1199, 48.3563, 85.2172

Complementary

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



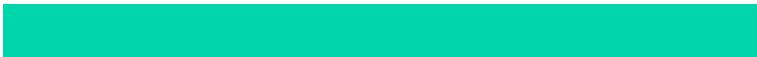
67.3513, 48.3563, 100.3916



54.6241, 80.6273, 40.7030

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.



26.6957, 48.3563, 46.8661



67.3513, 48.3563, 100.3916



37.0122, 48.3563, 12.6907

Square

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



67.3513, 48.3563, 100.3916



60.5107, 48.3563, 15.1643



29.6599, 48.3563, 23.1112



33.9536, 48.3563, 126.5741

Rectangle

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



67.3513, 48.3563, 100.3916



71.9011, 48.3563, 37.6366



29.6599, 48.3563, 23.1112



27.1574, 48.3563, 71.2080

Sweetspot

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



67.3528, 48.3584, 100.3920



84.5782, 80.2340, 105.6367



42.0082, 37.0053, 99.5364



17.7602, 16.5299, 22.5045



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.



67.3528, 48.3584, 100.3920



63.9423, 42.2407, 99.3909



63.2944, 47.0270, 65.8266



18.6684, 18.2363, 22.7860



27.9621, 13.3254, 50.5329



2.7565, 1.3150, 4.9218

Inverse Universe

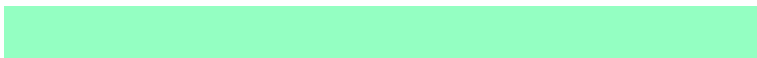
The Inverse Universe completely reimagines the original color for something new.



57.7475, 44.8083, 36.6173



53.3266, 38.3412, 27.8228



57.7530, 81.7281, 63.9882



18.0576, 18.0063, 18.9202



21.6183, 11.1366, 1.3746



2.1210, 1.0908, 0.2185

Previews

White Background



This preview shows how the XYZ color 67.3513, 48.3563, 100.3916 looks on a white background.

Color Contrast Check

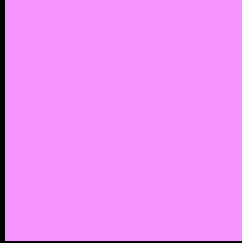
Large Text (above 18pt) WCAG AA × Fail

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 67.3513, 48.3563, 100.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

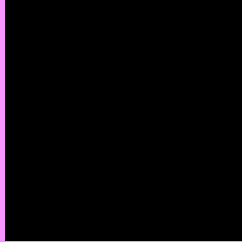
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3513, 48.3563, 100.3916

Background



This preview shows how black text looks on a background with the XYZ color 67.3513, 48.3563, 100.3916.



This preview shows how white text looks on a background with the XYZ color 67.3513, 48.3563,

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

67.3513, 48.3563, 100.3916

Protanopia

49.8838, 48.7684, 101.3918

Deuteranopia

49.9753, 48.6203, 96.3732



Tritanopia

56.7509, 48.3018, 48.4516

Trichromacy



Original Color

67.3513, 48.3563, 100.3916



Protanomaly

54.4170, 47.3069, 100.8708



Deuteranomaly

54.8133, 47.5848, 97.5626

Tritanomaly

60.1567, 48.1298, 64.5119

Monochromacy



Original Color

67.3513, 48.3563, 100.3916



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

54.3315, 49.3639, 70.2829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3513, 48.3563, 100.3916 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(248, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 148, 255)  
}
```

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(248, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.3513, 48.3563, 100.3916 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(248, 148, 255) }
```


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

```
.border{ border-color:rgb(248, 148, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 148, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3513, 48.3563, 100.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 148, 255) }
```

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

```
.background{ background-color: rgb(248,  
148, 255) }
```

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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