

Converting Colors

XYZ(67.0588, 49.3480, 92.5750)

Have a look what the booklet for
XYZ(67.0588, 49.3480, 92.5750)
contains.

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Color

**XYZ(67.1340, 49.3730,
92.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	FA98F5
RGB	250, 152, 245
RGB Percent	98%, 60%, 96%
CMY	0.0196, 0.4039, 0.0392
CMYK	0.00, 0.39, 0.02, 0.02
HSL	303°, 91%, 79%
HSV	303°, 39%, 98%
XYZ	67.1340, 49.3730, 92.3778
YIQ	191.9040, 28.5550, 49.6990

Conversions

Conversions Part 2

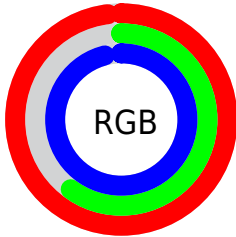
Format	Color
R _Y B	250, 152, 245
Decimal	16423157
CIE Lab	75.68, 50.10, -31.26
CIE LCh	76, 59.054, 328.037
Yxy	49.3730, 0.3214, 0.2364
Android (android.graphics.Color)	4294613237 (0xFFFA98F5)
YUV	191.9040, 26.1763, 50.9502
Hunter-Lab	70.2659, 47.5785, -28.7617

Details

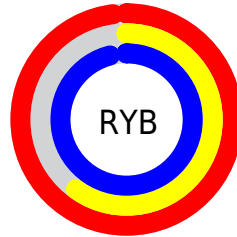
The XYZ color **67.1340, 49.3730, 92.3778** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.2224, 77.4827, 44.0516**, and the grayscale version is **49.8889, 52.4870, 57.1583**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **35.1830, 23.5727, 50.2726** is the 20% darker color. If you saturate the color by 10%, you get **63.3024, 42.0194, 90.1434**, and if you desaturate by 10%, it is **71.8252, 58.4417, 94.9063**.

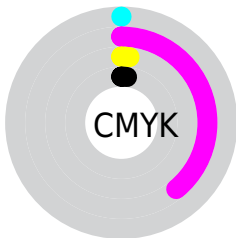
Distribution



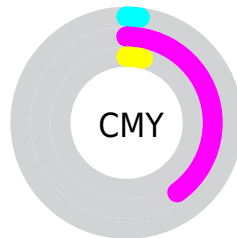
- Red (98%)
- Green (60%)
- Blue (96%)



- Red (98%)
- Yellow (60%)
- Blue (96%)



- Cyan (0%)
- Magenta (39%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1340, 49.3730, 92.3778 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 67.1340, 49.3730, 92.3778 by changing the saturation by 10% instead.


 67.1340, 49.3730,
92.3778


 67.1340, 49.3730,
92.3778

439.8466,
384.2089, 556.5042

 49.4646, 34.9155,
69.3697


 114.1611, 89.2452,
152.6011

 35.2042, 23.5978,
50.5392


 144.2496,
115.4286, 190.6534

 23.9875, 15.0355,
35.4678


179.2085,
146.2895, 234.5576

 15.4490, 8.8443,
23.7371

219.4032,
182.2122, 284.7320

 9.2235, 4.6398,
14.9283

265.1989,
223.5810, 341.5954

 4.9455, 2.0375,
8.6230

316.9612,

 2.2498, 0.6291,

270.7805, 405.5662

4.4027

375.0553,
324.1950, 477.0629

■ 0.7688, 0.0000,
1.8487

■ 0.0000, 0.0000,
0.4598

■ 67.1340, 49.3730,
92.3778

■ 67.1340, 49.3730,
92.3778

■ 63.3024, 42.0194,
90.1434

■ 71.8252, 58.4417,
94.9063

■ 60.2714, 36.2659,
88.1821

■ 77.4207, 69.3177,
97.7424

■ 57.9823, 31.9940,
86.4746

■ 83.9677, 82.0946,
100.9023

■ 56.3661, 29.0659,
84.9980

■ 91.5089, 96.8577,
104.4003

■ 55.3412, 27.3181,
83.7251

■ 92.6574, 98.8333,
105.7740

■ 54.7834, 26.5025,
82.6145

■ 92.8597, 98.9142,
106.8390

■ 54.7467, 26.4530,
82.5283

■ 93.0633, 98.9956,
107.9112

■ 93.2349, 99.0643,
108.8151

Harmonies

Analogous

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



57.5268, 49.3730, 126.4019



67.1340, 49.3730, 92.3778



71.2493, 49.3730, 55.8497

Triad

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



67.1340, 49.3730, 92.3778



47.6521, 49.3730, 13.2280



30.7002, 49.3730, 87.3425

Complementary

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



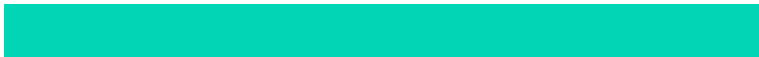
67.1340, 49.3730, 92.3778



53.2224, 77.4827, 44.0516

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.



28.8859, 49.3730, 51.7208



67.1340, 49.3730, 92.3778



37.7174, 49.3730, 16.1872

Square

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



67.1340, 49.3730, 92.3778



58.9687, 49.3730, 17.1324



31.2466, 49.3730, 27.7555



36.6484, 49.3730, 122.7867

Rectangle

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



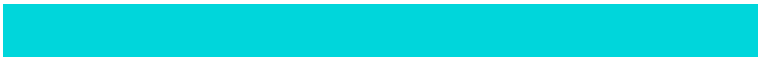
67.1340, 49.3730, 92.3778



69.9084, 49.3730, 37.1785



31.2466, 49.3730, 27.7555



29.6314, 49.3730, 74.6547

Sweetspot

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



67.1356, 49.3752, 92.3788



85.8029, 81.9064, 104.5824



42.3709, 36.5191, 95.2595



18.1693, 17.1486, 22.2909



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.



67.1356, 49.3752, 92.3788



67.0057, 45.4622, 94.7713



60.6297, 46.7728, 58.1190



17.9525, 17.5084, 21.6058



29.0558, 14.0380, 43.8635



2.7025, 1.3047, 4.1227

Inverse Universe

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



67.1356, 49.3752, 92.3788



67.0057, 45.4622, 94.7713



58.2649, 79.4997, 70.6051



17.9525, 17.5084, 21.6058



29.0558, 14.0380, 43.8635



2.7025, 1.3047, 4.1227

Previews

White Background



This preview shows how the XYZ color 67.1340, 49.3730, 92.3778 looks on a white background.

Color Contrast Check

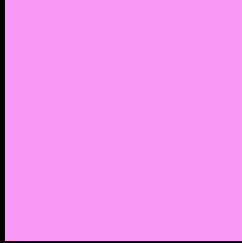
Large Text (above 18pt) WCAG AA × Fail

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 67.1340, 49.3730, 92.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

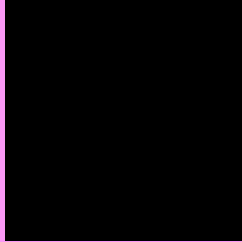
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1340, 49.3730, 92.3778

Background



This preview shows how black text looks on a background with the XYZ color 67.1340, 49.3730, 92.3778.



This preview shows how white text looks on a background with the XYZ color 67.1340, 49.3730,

92.3778.

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

67.1340, 49.3730, 92.3778

Protanopia

50.9160, 49.9173, 101.5592

Deuteranopia

50.6449, 49.4461, 88.5361



Tritanopia

58.3909, 49.4044, 49.1063

Trichromacy



Original Color

67.1340, 49.3730, 92.3778



Protanomaly

55.1211, 48.5879, 97.7400



Deuteranomaly

55.5315, 48.6933, 89.6910



Tritanomaly

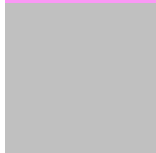
61.1805, 49.2140, 62.7746

Monochromacy



Original Color

67.1340, 49.3730, 92.3778



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.9206, 50.2936, 68.4410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1340, 49.3730, 92.3778 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(250, 152, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 152, 245)  
}
```

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(250, 152, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 152, 245) }
```

Border

The CSS property to change the border of an element to XYZ 67.1340, 49.3730, 92.3778 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(250, 152, 245) }
```


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

```
.border{ border-color:rgb(250, 152, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 152, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 152, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 152, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 152,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1340, 49.3730, 92.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 152, 245) }
```

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

```
.background{ background-color: rgb(250,  
152, 245) }
```

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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