

Converting Colors

XYZ(91.0872, 60.7438, 72.3936)

Have a look what the booklet for
XYZ(91.0872, 60.7438, 72.3936)
contains.

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Color

**XYZ(64.0433, 46.8275,
71.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92D9
RGB	255, 146, 217
RGB Percent	100%, 57%, 85%
CMY	0.0000, 0.4274, 0.1490
CMYK	0.00, 0.43, 0.15, 0.00
HSL	321°, 100%, 79%
HSV	321°, 43%, 100%
XYZ	64.0433, 46.8275, 71.3088
YIQ	186.6850, 42.1730, 45.1890

Conversions

Conversions Part 2

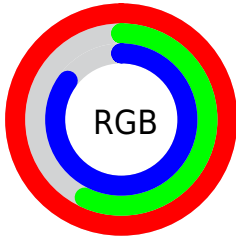
Format	Color
R _Y B	255, 146, 217
Decimal	16749273
CIE Lab	74.08, 50.07, -18.37
CIE LCh	74, 53.336, 339.849
Yxy	46.8275, 0.3515, 0.2570
Android (android.graphics.Color)	4294939353 (0xFFFF92D9)
YUV	186.6850, 14.9453, 59.9123
Hunter-Lab	68.4306, 47.3022, -13.8823

Details

The XYZ color **64.0433, 46.8275, 71.3088** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.2675, 81.0925, 58.0372**, and the grayscale version is **46.9598, 49.4053, 53.8024**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **33.1137, 21.9987, 36.6833** is the 20% darker color. If you saturate the color by 10%, you get **59.4163, 39.3746, 64.2144**, and if you desaturate by 10%, it is **69.6112, 56.0625, 79.0254**.

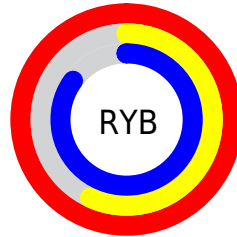
Distribution



Red (100%)

Green (57%)

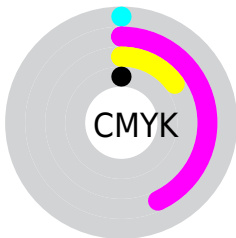
Blue (85%)



Red (100%)

Yellow (57%)

Blue (85%)

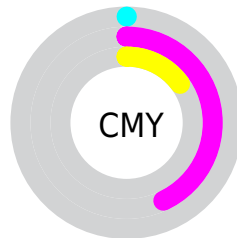


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0433, 46.8275, 71.3088 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 64.0433, 46.8275, 71.3088 by changing the saturation by 10% instead.

 64.0433, 46.8275,
71.3088


 64.0433, 46.8275,
71.3088


428.9457,
374.1256, 484.0449

 46.9476, 32.8993,
52.1109


 109.7467, 85.4561,
122.7719

 33.2020, 22.0493,
36.7106


 139.0850,
110.9253, 155.8741

 22.4412, 13.8931,
24.6895


173.2350,
141.0102, 194.4481

 14.2999, 8.0464,
15.6289

212.5618,
176.0953, 238.9126

 8.4126, 4.1246,
9.1105

257.4310,
216.5651, 289.6859

 4.4141, 1.7435,
4.7155

308.2078,

 1.9390, 0.4516,

262.8037, 347.1867

2.0255

365.2576,
315.1958, 411.8336

■ 0.5993, 0.0000,
0.5709

■ 0.0000, 0.0000,
0.0000

■ 64.0433, 46.8275,
71.3088

■ 64.0433, 46.8275,
71.3088

■ 59.4163, 39.3746,
64.2144

■ 69.6112, 56.0625,
79.0254

■ 55.6672, 33.5793,
57.7146

■ 76.1715, 67.1809,
87.3842

■ 52.7298, 29.3110,
51.7831

■ 83.7752, 80.2836,
96.4075

■ 50.5266, 26.4161,
46.3889

■ 92.4692, 95.4626,
106.1153

■ 48.9639, 24.7089, 95.0500, 100.0000,
41.4958 108.9000

■ 48.1319, 24.0168,
38.2223

Harmonies

Analogous

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



57.3259, 46.8275, 102.8836



64.0433, 46.8275, 71.3088



65.1359, 46.8275, 42.5193

Triad

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



64.0433, 46.8275, 71.3088



41.4439, 46.8275, 14.7684



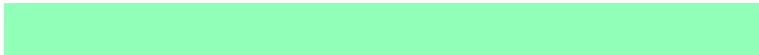
31.8593, 46.8275, 92.5966

Complementary

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



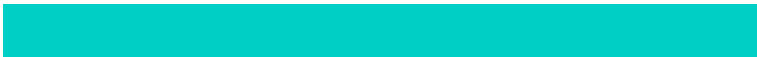
64.0433, 46.8275, 71.3088



56.2675, 81.0925, 58.0372

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.



28.7721, 46.8275, 60.5107



64.0433, 46.8275, 71.3088



33.7594, 46.8275, 20.3566

Square

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



64.0433, 46.8275, 71.3088



51.1306, 46.8275, 15.8631



29.4141, 46.8275, 34.9474



38.4837, 46.8275, 117.9089

Rectangle

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



64.0433, 46.8275, 71.3088



62.3875, 46.8275, 29.0565



29.4141, 46.8275, 34.9474



30.4196, 46.8275, 81.8555

Sweetspot

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



64.0443, 46.8295, 71.3097



83.5661, 79.9208, 96.1668



47.7011, 37.7659, 99.3832



17.5089, 16.4523, 20.1457



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.



64.0443, 46.8295, 71.3097



60.1578, 40.5508, 65.4073



58.2362, 44.5063, 40.7246



18.5079, 18.1865, 21.2918



25.2233, 12.5786, 20.3579



2.5076, 1.2454, 2.2544

Inverse Universe

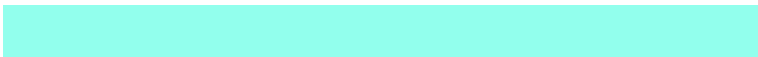
The Inverse Universe completely reimagines the original color for something new.



64.0443, 46.8295, 71.3097



60.1578, 40.5508, 65.4073



62.8770, 83.7363, 92.8427



18.5079, 18.1865, 21.2918



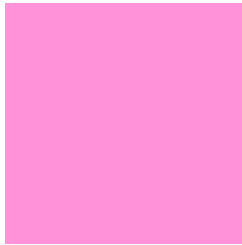
25.2233, 12.5786, 20.3579



2.5076, 1.2454, 2.2544

Previews

White Background



This preview shows how the XYZ color 64.0433, 46.8275, 71.3088 looks on a white background.

Color Contrast Check

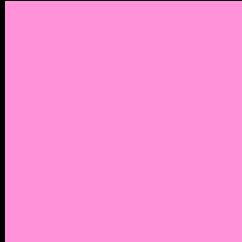
Large Text (above 18pt) WCAG AA × Fail

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 64.0433, 46.8275, 71.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

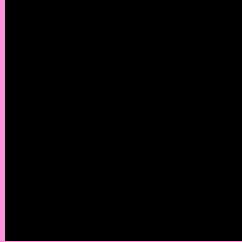
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0433, 46.8275, 71.3088

Background



This preview shows how black text looks on a background with the XYZ color 64.0433, 46.8275, 71.3088.



This preview shows how white text looks on a background with the XYZ color 64.0433, 46.8275,

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

64.0433, 46.8275, 71.3088

Protanopia

47.9243, 47.1004, 89.7845

Deuteranopia

47.9280, 46.9830, 68.1706



Tritanopia

58.3807, 46.9281, 43.0268

Trichromacy



Original Color

64.0433, 46.8275, 71.3088



Protanomaly

51.8568, 45.8372, 82.4582



Deuteranomaly

52.5104, 45.9254, 69.0477



Tritanomaly

60.2360, 46.6971, 52.2930

Monochromacy



Original Color

64.0433, 46.8275, 71.3088



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

52.0969, 47.5793, 59.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0433, 46.8275, 71.3088 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, 146, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 217)  
}
```

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, 146, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.0433, 46.8275, 71.3088 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, 146, 217) }
```


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

```
.border{ border-color:rgb(255, 146, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0433, 46.8275, 71.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 217) }
```

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

```
.background{ background-color: rgb(255,  
146, 217) }
```

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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