

Converting Colors

XYZ(63.1053, 46.9273, 64.9053)

Have a look what the booklet for
XYZ(63.1053, 46.9273, 64.9053)
contains.

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Color

**XYZ(63.0924, 46.9448,
64.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94CF
RGB	255, 148, 207
RGB Percent	100%, 58%, 81%
CMY	0.0000, 0.4196, 0.1882
CMYK	0.00, 0.42, 0.19, 0.00
HSL	327°, 100%, 79%
HSV	327°, 42%, 100%
XYZ	63.0924, 46.9448, 64.7674
YIQ	186.7190, 44.8330, 41.0330

Conversions

Conversions Part 2

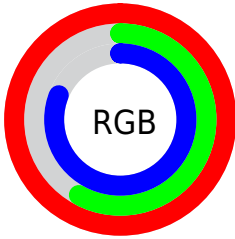
Format	Color
R_{YB}	255, 148, 207
Decimal	16749775
CIE _{Lab}	74.15, 47.57, -12.76
CIE _{LCh}	74, 49.249, 344.981
Yxy	46.9448, 0.3609, 0.2686
Android (android.graphics.Color)	4294939855 (0xFFFF94CF)
YUV	186.7190, 9.9985, 59.8824
Hunter-Lab	68.5163, 44.4661, -8.0845

Details

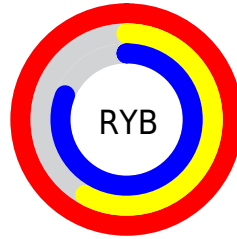
The XYZ color **63.0924, 46.9448, 64.7674** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.9384, 81.8023, 64.9636**, and the grayscale version is **47.0048, 49.4527, 53.8540**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.5174, 22.0411, 32.6775** is the 20% darker color. If you saturate the color by 10%, you get **58.1758, 39.2693, 56.4766**, and if you desaturate by 10%, it is **68.9935, 56.4268, 73.8875**.

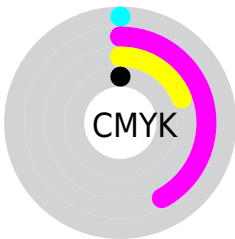
Distribution



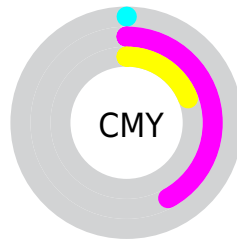
- Red (100%)
- Green (58%)
- Blue (81%)



- Red (100%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0924, 46.9448, 64.7674 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 63.0924, 46.9448, 64.7674 by changing the saturation by 10% instead.


 63.0924, 46.9448,
64.7674

 63.0924, 46.9448,
64.7674

425.5591,
374.5942, 460.2389

 46.1749, 32.9920,
46.8223


 108.3839, 85.6312,
113.3255

 32.5891, 22.1203,
32.5419


 137.4885,
111.1337, 144.7755

 21.9695, 13.9453,
21.5075


171.3863,
141.2548, 181.5644

 13.9510, 8.0827,
13.3006

210.4425,
176.3789, 224.1105

 8.1681, 4.1479,
7.5027

255.0226,
216.8905, 272.8325

 4.2554, 1.7566,
3.6953

305.4918,

 1.8476, 0.4599,

263.1740, 328.1489

1.4597

362.2155,
315.6138, 390.4782

■ 0.5461, 0.0000,
0.1876

■ 0.0000, 0.0000,
0.0000

■ 63.0924, 46.9448,
64.7674

■ 63.0924, 46.9448,
64.7674

■ 58.1758, 39.2693,
56.4766

■ 68.9935, 56.4268,
73.8875

■ 54.1798, 33.2764,
48.9816

■ 75.9310, 67.8163,
83.8627

■ 51.0376, 28.8360,
42.2498

■ 83.9570, 81.2140,
94.7209

■ 48.6716, 25.7963,
36.2441

■ 93.1190, 96.7118,
106.4874

■ 46.9883, 23.9740, 95.0500, 100.0000,
30.9216 108.9000

■ 46.0182, 23.1713,
27.0917

Harmonies

Analogous

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



57.7180, 46.9448, 93.7591



63.0924, 46.9448, 64.7674



63.0961, 46.9448, 39.5560

Triad

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



63.0924, 46.9448, 64.7674



40.3763, 46.9448, 17.0801



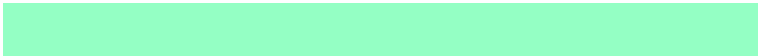
33.6633, 46.9448, 93.7251

Complementary

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



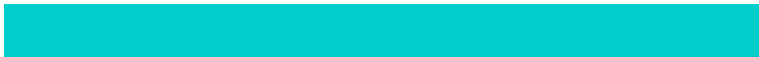
63.0924, 46.9448, 64.7674



57.9384, 81.8023, 64.9636

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.



30.1560, 46.9448, 64.7311



63.0924, 46.9448, 64.7674



33.6699, 46.9448, 23.8749

Square

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



63.0924, 46.9448, 64.7674



49.1618, 46.9448, 17.0841



30.1582, 46.9448, 39.5299



40.3662, 46.9448, 113.8662

Rectangle

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



63.0924, 46.9448, 64.7674



60.0129, 46.9448, 28.0137



30.1582, 46.9448, 39.5299



32.1131, 46.9448, 84.3355

Sweetspot

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



63.0935, 46.9469, 64.7683



83.0687, 79.7218, 93.5477



50.9842, 39.9202, 99.6260



17.3859, 16.4031, 19.4980



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.



63.0935, 46.9469, 64.7683



59.0642, 40.6363, 58.0366



57.7590, 44.8131, 36.6773



18.4286, 18.1547, 20.8739



24.1219, 12.1380, 14.5582



2.4037, 1.2039, 1.7075

Inverse Universe

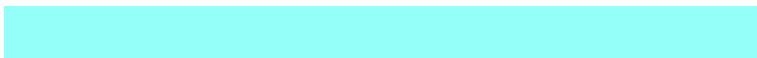
The Inverse Universe completely reimagines the original color for something new.



63.0935, 46.9469, 64.7683



59.0642, 40.6363, 58.0366



64.8966, 84.5856, 101.6051



18.4286, 18.1547, 20.8739



24.1219, 12.1380, 14.5582



2.4037, 1.2039, 1.7075

Previews

White Background



This preview shows how the XYZ color 63.0924, 46.9448, 64.7674 looks on a white background.

Color Contrast Check

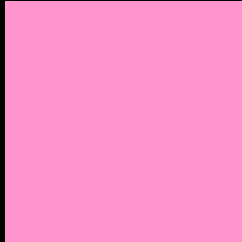
Large Text (above 18pt) WCAG AA × Fail

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 63.0924, 46.9448, 64.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

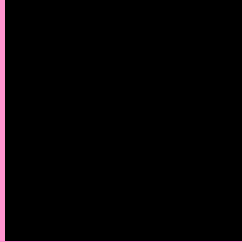
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0924, 46.9448, 64.7674

Background



This preview shows how black text looks on a background with the XYZ color 63.0924, 46.9448, 64.7674.



This preview shows how white text looks on a background with the XYZ color 63.0924, 46.9448,

64.7674.

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

63.0924, 46.9448, 64.7674

Protanopia

47.4613, 47.3628, 80.7692

Deuteranopia

48.3193, 47.3115, 62.4625



Tritanopia

58.6472, 47.0762, 42.5548

Trichromacy



Original Color

63.0924, 46.9448, 64.7674



Protanomaly

51.5962, 46.1529, 74.5956



Deuteranomaly

52.7421, 46.4441, 63.3115



Tritanomaly

59.9796, 46.8553, 50.1387

Monochromacy



Original Color

63.0924, 46.9448, 64.7674



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.8326, 47.7792, 57.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0924, 46.9448, 64.7674 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, 148, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 207)  
}
```

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, 148, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.0924, 46.9448, 64.7674 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, 148, 207) }
```


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

```
.border{ border-color:rgb(255, 148, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0924, 46.9448, 64.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 207) }
```

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

```
.background{ background-color: rgb(255,  
148, 207) }
```

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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