

Converting Colors

XYZ(62.9091, 46.8464, 63.8794)

Have a look what the booklet for
XYZ(62.9091, 46.8464, 63.8794)
contains.

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Color

**XYZ(62.9705, 46.8960,
64.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94CE
RGB	255, 148, 206
RGB Percent	100%, 58%, 81%
CMY	0.0000, 0.4196, 0.1922
CMYK	0.00, 0.42, 0.19, 0.00
HSL	327°, 100%, 79%
HSV	327°, 42%, 100%
XYZ	62.9705, 46.8960, 64.1255
YIQ	186.6050, 45.1540, 40.7220

Conversions

Conversions Part 2

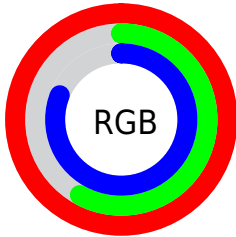
Format	Color
R_{YB}	255, 148, 206
Decimal	16749774
CIE _{Lab}	74.12, 47.42, -12.26
CIE _{LCh}	74, 48.979, 345.506
Yxy	46.8960, 0.3619, 0.2695
Android (android.graphics.Color)	4294939854 (0xFFFF94CE)
YUV	186.6050, 9.5617, 59.9824
Hunter-Lab	68.4807, 44.2962, -7.5829

Details

The XYZ color **62.9705, 46.8960, 64.1255** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0525, 81.8480, 65.5651**, and the grayscale version is **46.9429, 49.3876, 53.7831**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.4352, 22.0082, 32.2442** is the 20% darker color. If you saturate the color by 10%, you get **58.0358, 39.2133, 55.7394**, and if you desaturate by 10%, it is **68.8938, 56.3869, 73.3623**.

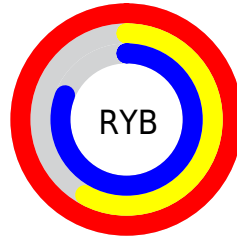
Distribution



Red (100%)

Green (58%)

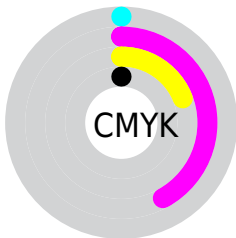
Blue (81%)



Red (100%)

Yellow (58%)

Blue (81%)

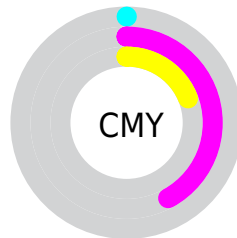


Cyan (0%)

Magenta (42%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9705, 46.8960, 64.1255 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 62.9705, 46.8960, 64.1255 by changing the saturation by 10% instead.


 62.9705, 46.8960,
64.1255


 62.9705, 46.8960,
64.1255


425.1238,
374.3993, 457.8626

 46.0759, 32.9534,
46.3055

 108.2090, 85.5584,
112.3929

 32.5106, 22.0908,
32.1366


 137.2836,
111.0470, 143.6773

 21.9092, 13.9236,
21.2001

171.1489,
141.1530, 180.2870

 13.9064, 8.0676,
13.0777

210.1703,
176.2610, 222.6404

 8.1369, 4.1382,
7.3507

254.7132,
216.7552, 271.1561

 4.2352, 1.7512,
3.6006

305.1428,

 1.8360, 0.4565,

263.0200, 326.2527

1.4089

361.8245,
315.4399, 388.3487

■ 0.5392, 0.0000,
0.1487

■ 0.0000, 0.0000,
0.0000

■ 62.9705, 46.8960,
64.1255

■ 62.9705, 46.8960,
64.1255

■ 58.0358, 39.2133,
55.7394

■ 68.8938, 56.3869,
73.3623

■ 54.0256, 33.2147,
48.1698

■ 75.8577, 67.7869,
83.4764

■ 50.8731, 28.7702,
41.3834

■ 83.9144, 81.1969,
94.4964

■ 48.5004, 25.7277,
35.3422

■ 93.1115, 96.7087,
106.4482

■ 46.8137, 23.9042, 95.0500, 100.0000,
30.0024 108.9000

■ 45.8434, 23.1014,
26.1710

Harmonies

Analogous

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



57.7140, 46.8960, 92.9290



62.9705, 46.8960, 64.1255



62.8736, 46.8960, 39.2104

Triad

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



62.9705, 46.8960, 64.1255



40.2162, 46.8960, 17.2349



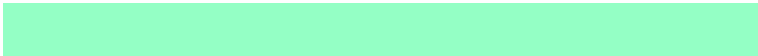
33.7704, 46.8960, 93.8303

Complementary

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



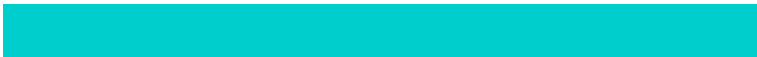
62.9705, 46.8960, 64.1255



58.0525, 81.8480, 65.5651

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.



30.2207, 46.8960, 65.0887



62.9705, 46.8960, 64.1255



33.5958, 46.8960, 24.1464

Square

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



62.9705, 46.8960, 64.1255



48.9276, 46.8960, 17.1281



30.1613, 46.8960, 39.9049



40.4852, 46.8960, 113.5295

Rectangle

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



62.9705, 46.8960, 64.1255



59.7553, 46.8960, 27.8387



30.1613, 46.8960, 39.9049



32.2087, 46.8960, 84.5529

Sweetspot

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



62.9716, 46.8981, 64.1264



83.0227, 79.7034, 93.3054



51.4458, 40.1582, 99.6476



17.3746, 16.3985, 19.4382



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.



62.9716, 46.8981, 64.1264



58.9275, 40.5816, 57.3165



57.6101, 44.7535, 35.8933



18.4212, 18.1518, 20.8352



24.0305, 12.1015, 14.0769



2.3949, 1.2003, 1.6611

Inverse Universe

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



62.9716, 46.8981, 64.1264



58.9275, 40.5816, 57.3165



65.1744, 84.6967, 103.0683



18.4212, 18.1518, 20.8352



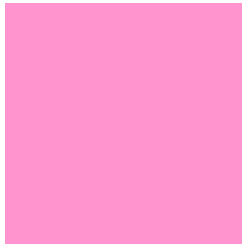
24.0305, 12.1015, 14.0769



2.3949, 1.2003, 1.6611

Previews

White Background



This preview shows how the XYZ color 62.9705, 46.8960, 64.1255 looks on a white background.

Color Contrast Check

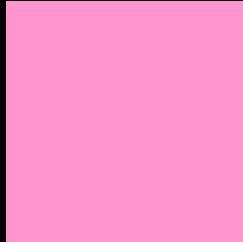
Large Text (above 18pt) WCAG AA × Fail

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 62.9705, 46.8960, 64.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

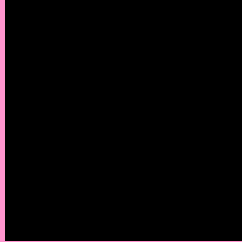
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9705, 46.8960, 64.1255

Background



This preview shows how black text looks on a background with the XYZ color 62.9705, 46.8960, 64.1255.



This preview shows how white text looks on a background with the XYZ color 62.9705, 46.8960,

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

62.9705, 46.8960, 64.1255

Protanopia

47.3221, 47.3071, 80.0358

Deuteranopia

48.2012, 47.2643, 61.8408



Tritanopia

58.4801, 46.7419, 42.4991

Trichromacy



Original Color

62.9705, 46.8960, 64.1255



Protanomaly

51.4634, 46.0998, 73.8959



Deuteranomaly

52.6225, 46.3963, 62.6818



Tritanomaly

59.7136, 46.4881, 49.5419

Monochromacy



Original Color

62.9705, 46.8960, 64.1255



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 62.9705, 46.8960, 64.1255 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.9705, 46.8960, 64.1255 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, 206) }
```


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

```
.border{ border-color:rgb(255, 148, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9705, 46.8960, 64.1255 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
148, 206) }
```

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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