

Converting Colors

XYZ(62.4735, 46.6722, 61.5860)

Have a look what the booklet for
XYZ(62.4735, 46.6722, 61.5860)
contains.

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Color

**XYZ(62.4906, 46.7041,
61.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94CA
RGB	255, 148, 202
RGB Percent	100%, 58%, 79%
CMY	0.0000, 0.4196, 0.2078
CMYK	0.00, 0.42, 0.21, 0.00
HSL	330°, 100%, 79%
HSV	330°, 42%, 100%
XYZ	62.4906, 46.7041, 61.5983
YIQ	186.1490, 46.4380, 39.4780

Conversions

Conversions Part 2

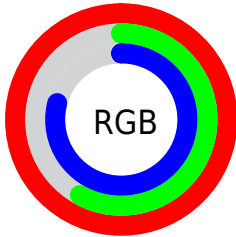
Format	Color
R _Y B	255, 148, 202
Decimal	16749770
CIE Lab	74.00, 46.84, -10.24
CIE LCh	74, 47.947, 347.670
Yxy	46.7041, 0.3659, 0.2735
Android (android.graphics.Color)	4294939850 (0xFFFF94CA)
YUV	186.1490, 7.8145, 60.3823
Hunter-Lab	68.3404, 43.6251, -5.6025

Details

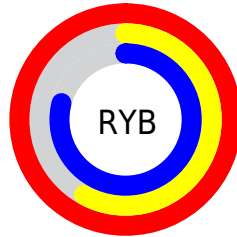
The XYZ color **62.4906, 46.7041, 61.5983** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.5172, 82.0338, 68.0118**, and the grayscale version is **46.6962, 49.1280, 53.5004**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.1129, 21.8793, 30.5476** is the 20% darker color. If you saturate the color by 10%, you get **57.4874, 38.9940, 52.8514**, and if you desaturate by 10%, it is **68.4994, 56.2292, 71.2856**.

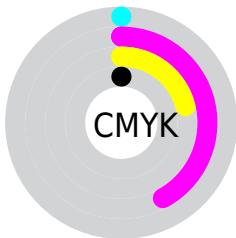
Distribution



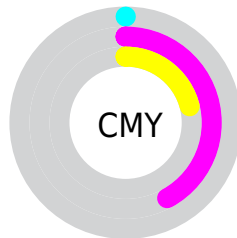
- Red (100%)
- Green (58%)
- Blue (79%)



- Red (100%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4906, 46.7041, 61.5983 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 62.4906, 46.7041, 61.5983 by changing the saturation by 10% instead.


 62.4906, 46.7041,
61.5983


 62.4906, 46.7041,
61.5983


423.4075,
373.6322, 448.4314

 45.6863, 32.8018,
44.2745

 107.5202, 85.2718,
108.7107

 32.2019, 21.9747,
30.5476


 136.4763,
110.7059, 139.3364

 21.6721, 13.8383,
19.9990


170.2136,
140.7528, 175.2331

 13.7314, 8.0083,
12.2103

209.0977,
175.7968, 216.8195

 8.0145, 4.1002,
6.7628

253.4937,
216.2224, 264.5139

 4.1561, 1.7298,
3.2380

303.7671,

 1.7908, 0.4428,

262.4139, 318.7350

1.2174

360.2833,
314.7557, 379.9014

■ 0.5121, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4906, 46.7041,
61.5983

■ 62.4906, 46.7041,
61.5983

■ 57.4874, 38.9940,
52.8514

■ 68.4994, 56.2292,
71.2856

■ 53.4250, 32.9745,
45.0072

■ 75.5665, 67.6705,
81.9430

■ 50.2361, 28.5154,
38.0288

■ 83.7446, 81.1291,
93.6021

■ 47.8419, 25.4644,
31.8745

■ 93.0819, 96.6970,
106.2920

■ 46.1480, 23.6379,
26.4966

95.0500, 100.0000,
108.9000

■ 45.1816, 22.8366,
22.6862

Harmonies

Analogous

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



57.7048, 46.7041, 89.6601



62.4906, 46.7041, 61.5983



61.9935, 46.7041, 37.8447

Triad

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



62.4906, 46.7041, 61.5983



39.5800, 46.7041, 17.8634



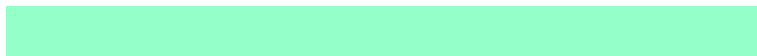
34.2037, 46.7041, 94.2683

Complementary

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



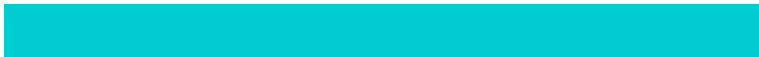
62.4906, 46.7041, 61.5983



58.5172, 82.0338, 68.0118

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.



30.4821, 46.7041, 66.5447



62.4906, 46.7041, 61.5983



33.3006, 46.7041, 25.2560

Square

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



62.4906, 46.7041, 61.5983



47.9994, 46.7041, 17.3035



30.1743, 46.7041, 41.4358



40.9678, 46.7041, 112.2050

Rectangle

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



62.4906, 46.7041, 61.5983



58.7357, 46.7041, 27.1429



30.1743, 46.7041, 41.4358



32.5953, 46.7041, 85.4419

Sweetspot

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



62.4917, 46.7062, 61.5992



82.8393, 79.6301, 92.3398



52.3857, 40.6427, 99.6915



17.3293, 16.3804, 19.2000



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.



62.4917, 46.7062, 61.5992



58.3911, 40.3670, 54.4921



57.3191, 44.6371, 34.3603



18.3918, 18.1400, 20.6805



23.6839, 11.9628, 12.2517



2.3612, 1.1868, 1.4834

Inverse Universe

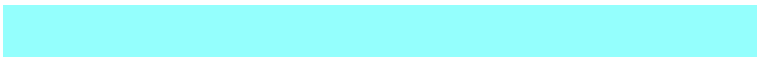
The Inverse Universe completely reimagines the original color for something new.



62.4917, 46.7062, 61.5992



58.3911, 40.3670, 54.4921



65.7381, 84.9222, 106.0365



18.3918, 18.1400, 20.6805



23.6839, 11.9628, 12.2517



2.3612, 1.1868, 1.4834

Previews

White Background



This preview shows how the XYZ color 62.4906, 46.7041, 61.5983 looks on a white background.

Color Contrast Check

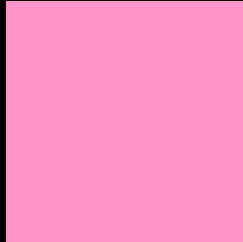
Large Text (above 18pt) WCAG AA × Fail

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 62.4906, 46.7041, 61.5983 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 62.4906, 46.7041, 61.5983

Background



This preview shows how black text looks on a background with the XYZ color 62.4906, 46.7041, 61.5983.



This preview shows how white text looks on a background with the XYZ color 62.4906, 46.7041,

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

62.4906, 46.7041, 61.5983

Protanopia

47.0767, 47.2597, 76.4529

Deuteranopia

47.7925, 46.8130, 59.3402



Tritanopia

58.3879, 46.7051, 42.0140

Trichromacy



Original Color

62.4906, 46.7041, 61.5983



Protanomaly

51.0823, 45.9787, 70.4724



Deuteranomaly

52.2639, 45.9949, 60.1561



Tritanomaly

59.5098, 46.4066, 48.4687

Monochromacy



Original Color

62.4906, 46.7041, 61.5983



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.1309, 47.1597, 56.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4906, 46.7041, 61.5983 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.4906, 46.7041, 61.5983 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, 202) }
```


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

```
.border{ border-color:rgb(255, 148, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4906, 46.7041, 61.5983 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
148, 202) }
```

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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