

Converting Colors

XYZ(136.6763, 84.5340,
64.6908)

Have a look what the booklet for
XYZ(136.6763, 84.5340, 64.6908)
contains.

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Color

**XYZ(62.1796, 46.0820,
61.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92CA
RGB	255, 146, 202
RGB Percent	100%, 57%, 79%
CMY	0.0000, 0.4274, 0.2078
CMYK	0.00, 0.43, 0.21, 0.00
HSL	329°, 100%, 79%
HSV	329°, 43%, 100%
XYZ	62.1796, 46.0820, 61.4946
YIQ	184.9750, 46.9880, 40.5240

Conversions

Conversions Part 2

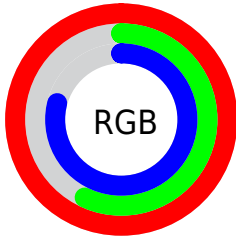
Format	Color
R _Y B	255, 146, 202
Decimal	16749258
CIE Lab	73.60, 47.85, -10.84
CIE LCh	74, 49.061, 347.237
Yxy	46.0820, 0.3663, 0.2715
Android (android.graphics.Color)	4294939338 (0xFFFF92CA)
YUV	184.9750, 8.3933, 61.4119
Hunter-Lab	67.8837, 44.7045, -6.1911

Details

The XYZ color **62.1796, 46.0820, 61.4946** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.9246, 81.7554, 66.7636**, and the grayscale version is **46.0378, 48.4354, 52.7461**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **31.9374, 21.5282, 30.4890** is the 20% darker color. If you saturate the color by 10%, you get **57.2683, 38.5154, 52.9029**, and if you desaturate by 10%, it is **68.0876, 55.4530, 71.0017**.

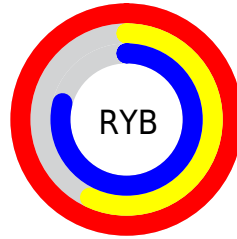
Distribution



Red (100%)

Green (57%)

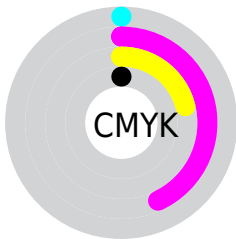
Blue (79%)



Red (100%)

Yellow (57%)

Blue (79%)

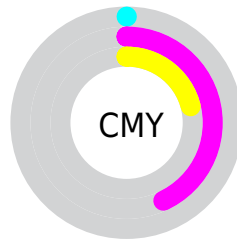


Cyan (0%)

Magenta (43%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1796, 46.0820, 61.4946 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 62.1796, 46.0820, 61.4946 by changing the saturation by 10% instead.


 62.1796, 46.0820,
61.4946


 62.1796, 46.0820,
61.4946


422.2930,
371.1382, 448.0418

 45.4340, 32.3105,
44.1913


 107.0735, 84.3417,
108.5593

 32.0021, 21.5988,
30.4826


 135.9526,
109.5987, 139.1577

 21.5187, 13.5624,
19.9501


169.6068,
139.4531, 175.0249

 13.6183, 7.8169,
12.1750

208.4015,
174.2891, 216.5795

 7.9356, 3.9780,
6.7390

252.7022,
214.4913, 264.2399

 4.1052, 1.6613,
3.2235

302.8741,

 1.7618, 0.3984,

260.4439, 318.4247

1.2098

359.2826,
312.5314, 379.5525

■ 0.4945, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1796, 46.0820,
61.4946

■ 62.1796, 46.0820,
61.4946

■ 57.2683, 38.5154,
52.9029

■ 68.0876, 55.4530,
71.0017

■ 53.2887, 32.6279,
45.1896

■ 75.0452, 66.7304,
81.4534

■ 50.1729, 28.2882,
38.3187

■ 83.1055, 80.0158,
92.8806

■ 47.8414, 25.3420,
32.2489

■ 92.3166, 95.4016,
105.3116

■ 46.1984, 23.6027, 95.0500, 100.0000,
26.9329 108.9000

■ 45.3370, 22.8988,
23.5045

Harmonies

Analogous

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



57.2329, 46.0820, 90.1354



62.1796, 46.0820, 61.4946



61.7545, 46.0820, 37.3008

Triad

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



62.1796, 46.0820, 61.4946



39.0371, 46.0820, 16.9663



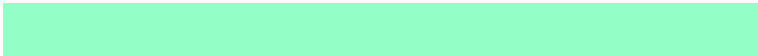
33.4156, 46.0820, 94.0919

Complementary

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



62.1796, 46.0820, 61.4946



57.9246, 81.7554, 66.7636

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.



29.7132, 46.0820, 65.7165



62.1796, 46.0820, 61.4946



32.6521, 46.0820, 24.2133

Square

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



62.1796, 46.0820, 61.4946



47.5916, 46.0820, 16.5018



29.4535, 46.0820, 40.3382



40.2145, 46.0820, 112.7318

Rectangle

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



62.1796, 46.0820, 61.4946



58.4781, 46.0820, 26.4509



29.4535, 46.0820, 40.3382



31.8090, 46.0820, 85.0185

Sweetspot

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



62.1806, 46.0840, 61.4955



82.8838, 79.6478, 92.5740



51.8000, 39.8790, 99.5750



17.3403, 16.3848, 19.2577



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.



62.1806, 46.0840, 61.4955



58.0554, 39.7098, 54.3360



56.8512, 43.9522, 33.4308



18.3990, 18.1429, 20.7180



23.7654, 11.9954, 12.6808



2.3692, 1.1900, 1.5255

Inverse Universe

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



62.1806, 46.0840, 61.4955



58.0554, 39.7098, 54.3360



65.3741, 84.7351, 105.9917



18.3990, 18.1429, 20.7180



23.7654, 11.9954, 12.6808



2.3692, 1.1900, 1.5255

Previews

White Background



This preview shows how the XYZ color 62.1796, 46.0820, 61.4946 looks on a white background.

Color Contrast Check

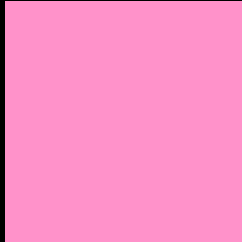
Large Text (above 18pt) WCAG AA × Fail

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 62.1796, 46.0820, 61.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

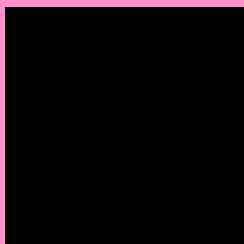
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1796, 46.0820, 61.4946

Background



This preview shows how black text looks on a background with the XYZ color 62.1796, 46.0820, 61.4946.



This preview shows how white text looks on a background with the XYZ color 62.1796, 46.0820,

61.4946.

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

62.1796, 46.0820, 61.4946

Protanopia

46.3692, 46.2799, 77.0100

Deuteranopia

47.3416, 46.2884, 59.2627



Tritanopia

57.9664, 46.0083, 41.4226

Trichromacy



Original Color

62.1796, 46.0820, 61.4946



Protanomaly

50.5705, 45.1519, 71.0156



Deuteranomaly

51.7883, 45.4809, 60.0820



Tritanomaly

59.0871, 45.7225, 47.8306

Monochromacy



Original Color

62.1796, 46.0820, 61.4946



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.5452, 46.5890, 55.6188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1796, 46.0820, 61.4946 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.1796, 46.0820, 61.4946 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, 202) }
```


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

```
.border{ border-color:rgb(255, 146, 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, 146, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1796, 46.0820, 61.4946 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, 202) }
```

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

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