

Converting Colors

XYZ(66.7241, 52.9733, 46.0550)

Have a look what the booklet for
XYZ(66.7241, 52.9733, 46.0550)
contains.

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Color

**XYZ(61.8800, 50.4715,
46.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3AD
RGB	255, 163, 173
RGB Percent	100%, 64%, 68%
CMY	0.0000, 0.3608, 0.3216
CMYK	0.00, 0.36, 0.32, 0.00
HSL	353°, 100%, 82%
HSV	353°, 36%, 100%
XYZ	61.8800, 50.4715, 46.0157
YIQ	191.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

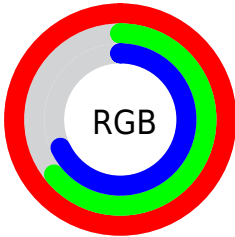
Format	Color
R _Y B	255, 163, 173
Decimal	16753581
CIE Lab	76.36, 35.26, 9.15
CIE LCh	76, 36.426, 14.548
Yxy	50.4715, 0.3907, 0.3187
Android (android.graphics.Color)	4294943661 (0xFFFFA3AD)
YUV	191.6480, -9.1935, 55.5597
Hunter-Lab	71.0433, 31.1510, 11.3274

Details

The XYZ color **61.8800, 50.4715, 46.0157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3479, 85.9001, 99.4214**, and the grayscale version is **49.9297, 52.5300, 57.2051**.

A 20% lighter version of the original color is **80.5751, 77.5245, 84.1157**, and **31.7921, 24.2681, 21.0977** is the 20% darker color. If you saturate the color by 10%, you get **55.7848, 41.5065, 34.0403**, and if you desaturate by 10%, it is **69.2648, 61.4166, 60.2679**.

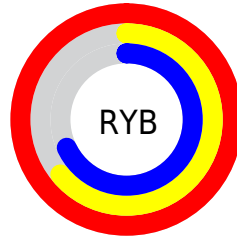
Distribution



Red (100%)

Green (64%)

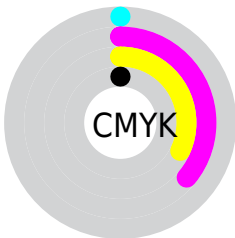
Blue (68%)



Red (100%)

Yellow (64%)

Blue (68%)

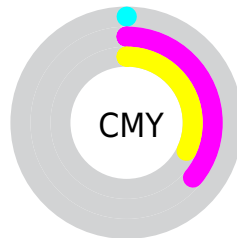


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8800, 50.4715, 46.0157 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 61.8800, 50.4715, 46.0157 by changing the saturation by 10% instead.


 61.8800, 50.4715,
46.0157


 61.8800, 50.4715,
46.0157


421.2178,
388.5069, 387.1512

 45.1910, 35.7882,
31.9095


 106.6430, 90.8731,
85.5770

 31.8098, 24.2706,
21.0281


 135.4477,
117.3601, 111.8692

 21.3711, 15.5345,
12.9531


169.0216,
148.5505, 143.0604

 13.5095, 9.1954,
7.2659

207.7302,
184.8287, 179.5692

 7.8598, 4.8688,
3.5480

251.9387,
226.5791, 221.8141

 4.0564, 2.1705,
1.3808

302.0126,

 1.7341, 0.7038,

274.1859, 270.2138

0.1267

358.3172,
328.0338, 325.1866

■ 0.4775, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8800, 50.4715,
46.0157

■ 61.8800, 50.4715,
46.0157

■ 55.7848, 41.5065,
34.0403

■ 69.2648, 61.4166,
60.2679

■ 50.9011, 34.3963,
24.2207

■ 78.0035, 74.4426,
76.9036

■ 47.1486, 29.0128,
16.4291

■ 88.1606, 89.6523,
96.0260

■ 44.4352, 25.2087,
10.5229

95.0500, 100.0000,
108.9000

■ 42.6547, 22.8115,
6.3408

■ 41.6767, 21.6084,
3.6937

■ 41.4461, 21.3424,
3.0152

Harmonies

Analogous

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



61.8163, 50.4715, 65.6278



61.8800, 50.4715, 46.0157



57.9815, 50.4715, 32.5173

Triad

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



61.8800, 50.4715, 46.0157



39.3143, 50.4715, 32.2215



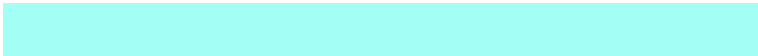
44.5480, 50.4715, 99.9084

Complementary

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



61.8800, 50.4715, 46.0157



67.3479, 85.9001, 99.4214

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.



39.1857, 50.4715, 85.8833



61.8800, 50.4715, 46.0157



36.3658, 50.4715, 45.5068

Square

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



61.8800, 50.4715, 46.0157



44.7394, 50.4715, 25.9370



36.3211, 50.4715, 64.9827



51.3560, 50.4715, 100.1380

Rectangle

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



61.8800, 50.4715, 46.0157



53.8563, 50.4715, 27.4514



36.3211, 50.4715, 64.9827



42.5321, 50.4715, 96.5256

Sweetspot

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



61.8813, 50.4739, 46.0167



82.9780, 81.8839, 86.2928



68.5495, 52.6977, 101.1665



17.4685, 17.0891, 17.9198



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.



61.8813, 50.4739, 46.0167



57.5272, 44.0612, 37.4887



68.1075, 64.4166, 43.4975



18.0896, 18.0191, 19.0889



21.6821, 11.1621, 1.7105



2.1361, 1.0968, 0.2980

Inverse Universe

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



61.8813, 50.4739, 46.0167



57.5272, 44.0612, 37.4887



58.6795, 66.0551, 104.2649



18.0896, 18.0191, 19.0889



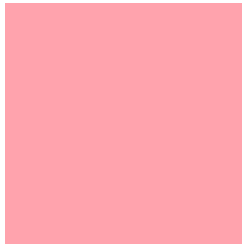
21.6821, 11.1621, 1.7105



2.1361, 1.0968, 0.2980

Previews

White Background



This preview shows how the XYZ color 61.8800, 50.4715, 46.0157 looks on a white background.

Color Contrast Check

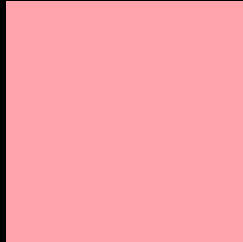
Large Text (above 18pt) WCAG AA × Fail

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 61.8800, 50.4715, 46.0157 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 61.8800, 50.4715, 46.0157

Background



This preview shows how black text looks on a background with the XYZ color 61.8800, 50.4715, 46.0157.



This preview shows how white text looks on a background with the XYZ color 61.8800, 50.4715,

46.0157.

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

61.8800, 50.4715, 46.0157

Protanopia

48.9452, 50.8918, 54.2571

Deuteranopia

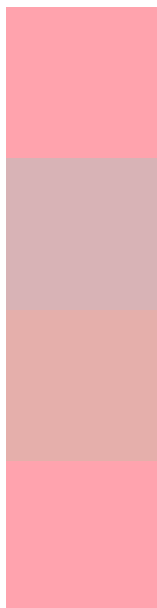
51.7152, 50.6543, 45.0818



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

61.8800, 50.4715, 46.0157

Protanomaly

52.8825, 50.2165, 51.1615

Deuteranomaly

54.9938, 50.2582, 45.3304

Tritanomaly

61.9772, 50.5104, 46.5273

Monochromacy



Original Color

61.8800, 50.4715, 46.0157

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.3052, 50.9976, 52.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8800, 50.4715, 46.0157 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, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 173)  
}
```

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, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.8800, 50.4715, 46.0157 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, 163, 173) }
```


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

```
.border{ border-color:rgb(255, 163, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8800, 50.4715, 46.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 173) }
```

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

```
.background{ background-color: rgb(255,  
163, 173) }
```

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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