

Converting Colors

XYZ(61.6777, 46.3539, 57.3953)

Have a look what the booklet for
XYZ(61.6777, 46.3539, 57.3953)
contains.

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Color

**XYZ(61.6802, 46.3799,
57.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94C3
RGB	255, 148, 195
RGB Percent	100%, 58%, 76%
CMY	0.0000, 0.4196, 0.2353
CMYK	0.00, 0.42, 0.24, 0.00
HSL	334°, 100%, 79%
HSV	334°, 42%, 100%
XYZ	61.6802, 46.3799, 57.3311
YIQ	185.3510, 48.6850, 37.3010

Conversions

Conversions Part 2

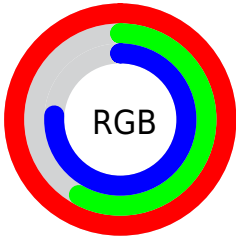
Format	Color
R _Y B	255, 148, 195
Decimal	16749763
CIE Lab	73.79, 45.85, -6.69
CIE LCh	74, 46.338, 351.702
Yxy	46.3799, 0.3729, 0.2804
Android (android.graphics.Color)	4294939843 (0xFFFF94C3)
YUV	185.3510, 4.7570, 61.0822
Hunter-Lab	68.1028, 42.4863, -2.2403

Details

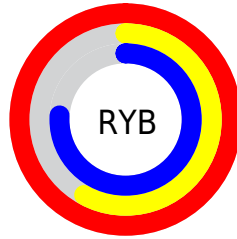
The XYZ color **61.6802, 46.3799, 57.3311** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.3598, 82.3709, 72.4487**, and the grayscale version is **46.2660, 48.6754, 53.0076**.

A 20% lighter version of the original color is **80.4036, 71.4740, 101.6536**, and **31.5754, 21.6643, 27.7167** is the 20% darker color. If you saturate the color by 10%, you get **56.5718, 38.6277, 48.0298**, and if you desaturate by 10%, it is **67.8268, 55.9602, 67.7435**.

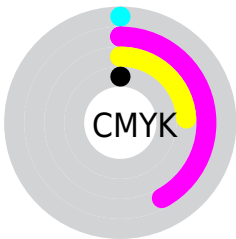
Distribution



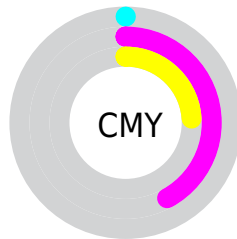
- Red (100%)
- Green (58%)
- Blue (76%)



- Red (100%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6802, 46.3799, 57.3311 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 61.6802, 46.3799, 57.3311 by changing the saturation by 10% instead.


 61.6802, 46.3799,
57.3311


 61.6802, 46.3799,
57.3311


420.4998,
372.3339, 432.2173

 45.0290, 32.5457,
40.8600

 106.3557, 84.7873,
102.4533

 31.6816, 21.7787,
27.8908


 135.1108,
110.1292, 131.9414

 21.2728, 13.6944,
18.0051


168.6311,
140.0759, 166.6057

 13.4372, 7.9084,
10.7841

207.2821,
175.0117, 206.8646

 7.8093, 4.0364,
5.8095

251.4291,
215.3210, 253.1366

 4.0240, 1.6939,
2.6627

301.4375,

 1.7157, 0.4197,

261.3882, 305.8404

0.9246

357.6726,
313.5977, 365.3944

■ 0.4661, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6802, 46.3799,
57.3311

■ 61.6802, 46.3799,
57.3311

■ 56.5718, 38.6277,
48.0298

■ 67.8268, 55.9602,
67.7435

■ 52.4351, 32.5785,
39.7945

■ 75.0653, 67.4700,
79.3039

■ 49.2014, 28.1015,
32.5804

■ 83.4499, 81.0112,
92.0504

■ 46.7904, 25.0438,
26.3375

■ 93.0300, 96.6763,
106.0187

■ 45.1059, 23.2211,
21.0090

95.0500, 100.0000,
108.9000

■ 44.1648, 22.4299,
17.3317

Harmonies

Analogous

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



57.7131, 46.3799, 84.1391



61.6802, 46.3799, 57.3311



60.4913, 46.3799, 35.5191

Triad

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



61.6802, 46.3799, 57.3311



38.4831, 46.3799, 18.9984



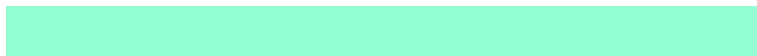
34.9799, 46.3799, 95.1021

Complementary

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



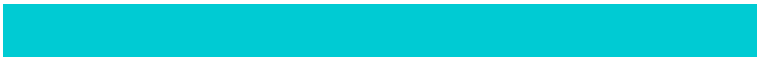
61.6802, 46.3799, 57.3311



59.3598, 82.3709, 72.4487

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.



30.9471, 46.3799, 69.1925



61.6802, 46.3799, 57.3311



32.7875, 46.3799, 27.2872

Square

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



61.6802, 46.3799, 57.3311



46.4076, 46.3799, 17.6062



30.1977, 46.3799, 44.2340



41.8368, 46.3799, 109.9741

Rectangle

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



61.6802, 46.3799, 57.3311



56.9926, 46.3799, 25.9410



30.1977, 46.3799, 44.2340



33.2863, 46.3799, 87.0726

Sweetspot

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



61.6814, 46.3820, 57.3320



82.5215, 79.5029, 90.6661



54.3320, 41.6461, 99.7826



17.2511, 16.3491, 18.7878



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.



61.6814, 46.3820, 57.3320



57.4937, 40.0080, 49.7660



58.0354, 46.2976, 33.8972



18.3408, 18.1196, 20.4117



23.1491, 11.7489, 9.4356



2.3077, 1.1655, 1.2020

Inverse Universe

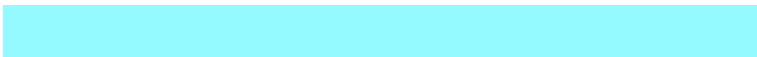
The Inverse Universe completely reimagines the original color for something new.



61.6814, 46.3820, 57.3320



57.4937, 40.0080, 49.7660



64.3410, 81.6706, 106.9806



18.3408, 18.1196, 20.4117



23.1491, 11.7489, 9.4356



2.3077, 1.1655, 1.2020

Previews

White Background



This preview shows how the XYZ color 61.6802, 46.3799, 57.3311 looks on a white background.

Color Contrast Check

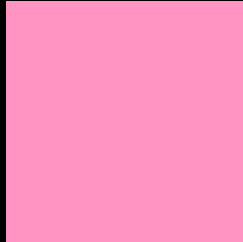
Large Text (above 18pt) WCAG AA × Fail

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 61.6802, 46.3799, 57.3311 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 61.6802, 46.3799, 57.3311

Background



This preview shows how black text looks on a background with the XYZ color 61.6802, 46.3799, 57.3311.



This preview shows how white text looks on a background with the XYZ color 61.6802, 46.3799,

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

61.6802, 46.3799, 57.3311

Protanopia

46.3951, 46.7143, 71.5372

Deuteranopia

47.5845, 46.5041, 55.1834



Tritanopia

58.4920, 46.5233, 41.4943

Trichromacy



Original Color

61.6802, 46.3799, 57.3311



Protanomaly

50.2896, 45.3967, 65.7864



Deuteranomaly

51.7659, 45.8299, 55.9869



Tritanomaly

59.5727, 46.4737, 46.9048

Monochromacy



Original Color

61.6802, 46.3799, 57.3311



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.5162, 46.8808, 54.5305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6802, 46.3799, 57.3311 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.6802, 46.3799, 57.3311 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, 195) }
```


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

```
.border{ border-color:rgb(255, 148, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6802, 46.3799, 57.3311 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
148, 195) }
```

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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