

Converting Colors

XYZ(66.8610, 48.6886, 58.8104)

Have a look what the booklet for
XYZ(66.8610, 48.6886, 58.8104)
contains.

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Color

**XYZ(61.7518, 46.1587,
58.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93C5
RGB	255, 147, 197
RGB Percent	100%, 58%, 77%
CMY	0.0000, 0.4235, 0.2274
CMYK	0.00, 0.42, 0.23, 0.00
HSL	332°, 100%, 79%
HSV	332°, 42%, 100%
XYZ	61.7518, 46.1587, 58.4782
YIQ	184.9920, 48.3180, 38.4460

Conversions

Conversions Part 2

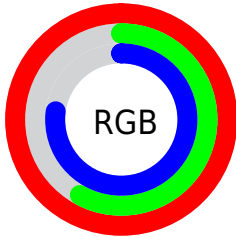
Format	Color
R _Y B	255, 147, 197
Decimal	16749509
CIE Lab	73.65, 46.64, -8.00
CIE LCh	74, 47.319, 350.261
Yxy	46.1587, 0.3711, 0.2774
Android (android.graphics.Color)	4294939589 (0xFFFF93C5)
YUV	184.9920, 5.9199, 61.3970
Hunter-Lab	67.9402, 43.3458, -3.4746

Details

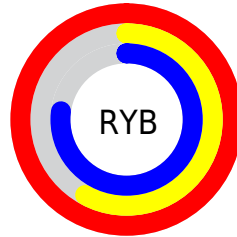
The XYZ color **61.7518, 46.1587, 58.4782** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.8140, 82.1317, 70.5145**, and the grayscale version is **46.0602, 48.4589, 52.7718**.

A 20% lighter version of the original color is **80.4853, 71.1276, 103.2529**, and **31.6372, 21.5476, 28.4782** is the 20% darker color. If you saturate the color by 10%, you get **56.7183, 38.4899, 49.4068**, and if you desaturate by 10%, it is **67.8090, 55.6462, 68.5953**.

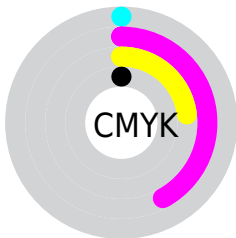
Distribution



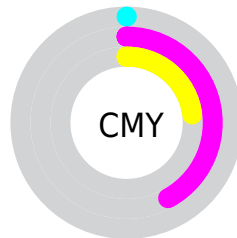
- Red (100%)
- Green (58%)
- Blue (77%)



- Red (100%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7518, 46.1587, 58.4782 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 61.7518, 46.1587, 58.4782 by changing the saturation by 10% instead.


 61.7518, 46.1587,
58.4782


 61.7518, 46.1587,
58.4782


420.7572,
371.4463, 436.6134

 45.0870, 32.3711,
41.7760


 106.4587, 84.4565,
104.1405

 31.7275, 21.6451,
28.6017


 135.2315,
109.7354, 133.9378

 21.3080, 13.5963,
18.5367


168.7711,
139.6135, 168.9370

 13.4631, 7.8405,
11.1626

207.4427,
174.4753, 209.5569

 7.8274, 3.9930,
6.0608

251.6118,
214.7050, 256.2159

 4.0356, 1.6697,
2.8127

301.6436,

 1.7223, 0.4039,

260.6872, 309.3327

0.9998

357.9036,
312.8062, 369.3256

■ 0.4702, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7518, 46.1587,
58.4782

■ 61.7518, 46.1587,
58.4782

■ 56.7183, 38.4899,
49.4068

■ 67.8090, 55.6462,
68.5953

■ 52.6424, 32.5146,
41.3388

■ 74.9433, 67.0543,
79.7923

■ 49.4556, 28.1014,
34.2326

■ 83.2086, 80.4847,
92.1049

■ 47.0777, 25.0969,
28.0411

■ 92.6538, 96.0300,
105.5661

■ 45.4125, 23.3155, 95.0500, 100.0000,
22.7108 108.9000

■ 44.5129, 22.5692,
19.1651

Harmonies

Analogous

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



57.4698, 46.1587, 85.9195



61.7518, 46.1587, 58.4782



60.7959, 46.1587, 35.9088

Triad

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



61.7518, 46.1587, 58.4782



38.5243, 46.1587, 18.2022



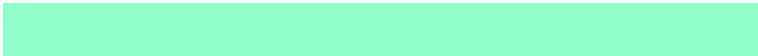
34.3545, 46.1587, 94.7651

Complementary

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



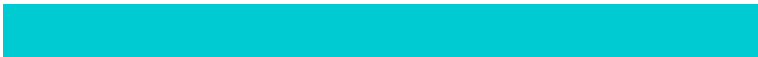
61.7518, 46.1587, 58.4782



58.8140, 82.1317, 70.5145

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.



30.4229, 46.1587, 67.9985



61.7518, 46.1587, 58.4782



32.6092, 46.1587, 26.1487

Square

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



61.7518, 46.1587, 58.4782



46.6556, 46.1587, 17.1115



29.8275, 46.1587, 42.8484



41.2022, 46.1587, 110.8597

Rectangle

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



61.7518, 46.1587, 58.4782



57.3567, 46.1587, 25.9406



29.8275, 46.1587, 42.8484



32.6868, 46.1587, 86.3816

Sweetspot

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



61.7529, 46.1608, 58.4791



82.6362, 79.5488, 91.2704



53.5523, 41.0123, 99.7014



17.2793, 16.3604, 18.9365



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.



61.7529, 46.1608, 58.4791



57.3406, 39.4239, 50.5722



57.5104, 45.3736, 33.3334



18.3592, 18.1270, 20.5088



23.3326, 11.8223, 10.4017



2.3263, 1.1729, 1.2997

Inverse Universe

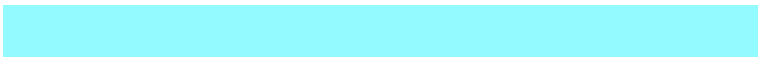
The Inverse Universe completely reimagines the original color for something new.



61.7529, 46.1608, 58.4791



57.3406, 39.4239, 50.5722



64.7062, 82.6684, 107.1540



18.3592, 18.1270, 20.5088



23.3326, 11.8223, 10.4017



2.3263, 1.1729, 1.2997

Previews

White Background



This preview shows how the XYZ color 61.7518, 46.1587, 58.4782 looks on a white background.

Color Contrast Check

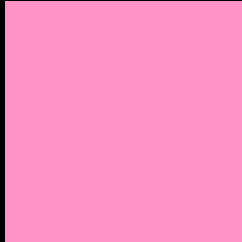
Large Text (above 18pt) WCAG AA × Fail

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 61.7518, 46.1587, 58.4782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

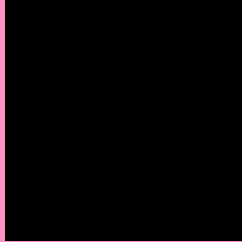
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7518, 46.1587, 58.4782

Background



This preview shows how black text looks on a background with the XYZ color 61.7518, 46.1587, 58.4782.



This preview shows how white text looks on a background with the XYZ color 61.7518, 46.1587,

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

61.7518, 46.1587, 58.4782

Protanopia

46.2097, 46.5887, 72.8867

Deuteranopia

47.2879, 46.3258, 56.3186



Tritanopia

58.2370, 46.1582, 40.9620

Trichromacy



Original Color

61.7518, 46.1587, 58.4782



Protanomaly

50.2641, 45.3549, 67.0779



Deuteranomaly

51.5116, 45.4042, 57.0879



Tritanomaly

59.4111, 46.1505, 46.8509

Monochromacy



Original Color

61.7518, 46.1587, 58.4782



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.3266, 46.5016, 54.4673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7518, 46.1587, 58.4782 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, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 197)  
}
```

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, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.7518, 46.1587, 58.4782 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, 147, 197) }
```


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

```
.border{ border-color:rgb(255, 147, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7518, 46.1587, 58.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 197) }
```

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

```
.background{ background-color: rgb(255,  
147, 197) }
```

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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