

Converting Colors

XYZ(86.1111, 58.0346, 58.3414)

Have a look what the booklet for
XYZ(86.1111, 58.0346, 58.3414)
contains.

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Color

**XYZ(61.0636, 45.1466,
57.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90C3
RGB	255, 144, 195
RGB Percent	100%, 56%, 76%
CMY	0.0000, 0.4353, 0.2353
CMYK	0.00, 0.44, 0.24, 0.00
HSL	332°, 100%, 78%
HSV	332°, 44%, 100%
XYZ	61.0636, 45.1466, 57.1255
YIQ	183.0030, 49.7850, 39.3930

Conversions

Conversions Part 2

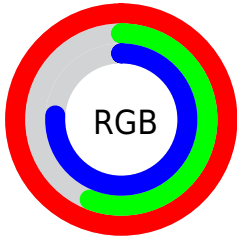
Format	Color
R _Y B	255, 144, 195
Decimal	16748739
CIE Lab	72.99, 47.87, -7.88
CIE LCh	73, 48.511, 350.653
Yxy	45.1466, 0.3739, 0.2764
Android (android.graphics.Color)	4294938819 (0xFFFF90C3)
YUV	183.0030, 5.9145, 63.1414
Hunter-Lab	67.1912, 44.6367, -3.3741

Details

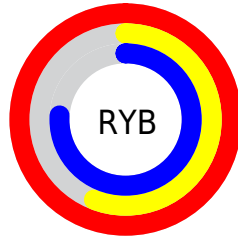
The XYZ color **61.0636, 45.1466, 57.1255** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.1625, 81.8098, 69.8557**, and the grayscale version is **44.9620, 47.3035, 51.5135**.

A 20% lighter version of the original color is **79.4650, 69.5968, 101.3407**, and **31.2288, 20.9712, 27.6012** is the 20% darker color. If you saturate the color by 10%, you get **56.1410, 37.6816, 48.1469**, and if you desaturate by 10%, it is **67.0044, 54.4176, 67.1544**.

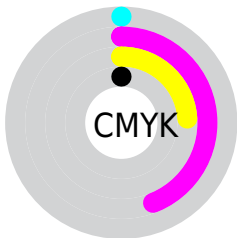
Distribution



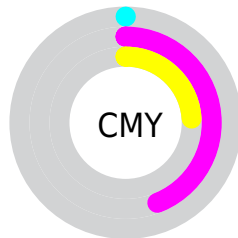
- Red (100%)
- Green (56%)
- Blue (76%)



- Red (100%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0636, 45.1466, 57.1255 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 61.0636, 45.1466, 57.1255 by changing the saturation by 10% instead.


 61.0636, 45.1466,
57.1255


 61.0636, 45.1466,
57.1255


418.2793,
367.3670, 431.4263

 44.5292, 31.5729,
40.6960

 105.4686, 82.9404,
102.1504

 31.2865, 21.0355,
27.7637


 134.0700,
107.9292, 131.5829

 20.9700, 13.1500,
17.9101

167.4244,
137.4919, 166.1868

 13.2144, 7.5319,
10.7167

205.8971,
172.0129, 206.3807

 7.6544, 3.7969,
5.7649

249.8537,
211.8765, 252.5830

 3.9245, 1.5606,
2.6362

299.6593,

 1.6595, 0.3308,

257.4671, 305.2124

0.9111

355.6794,
309.1691, 364.6873

■ 0.4307, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0636, 45.1466,
57.1255

■ 61.0636, 45.1466,
57.1255

■ 56.1410, 37.6816,
48.1469

■ 67.0044, 54.4176,
67.1544

■ 52.1700, 31.8959,
40.1759

■ 74.0179, 65.5977,
78.2687

■ 49.0808, 27.6562,
33.1696

■ 82.1582, 78.7894,
90.5045

■ 46.7917, 24.8058,
27.0799

■ 91.4748, 94.0863,
103.8956

■ 45.2039, 23.1542,
21.8521

95.0500, 100.0000,
108.9000

■ 44.4601, 22.5480,
18.8867

Harmonies

Analogous

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



56.7725, 45.1466, 85.0420



61.0636, 45.1466, 57.1255



60.0193, 45.1466, 34.4769

Triad

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



61.0636, 45.1466, 57.1255



37.4204, 45.1466, 17.1616



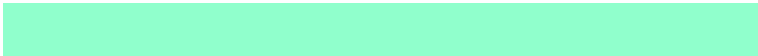
33.3936, 45.1466, 94.7504

Complementary

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



61.0636, 45.1466, 57.1255



58.1625, 81.8098, 69.8557

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.



29.4076, 45.1466, 67.5052



61.0636, 45.1466, 57.1255



31.5113, 45.1466, 25.1245

Square

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



61.0636, 45.1466, 57.1255



45.6094, 45.1466, 16.0095



28.7670, 45.1466, 41.9662



40.3202, 45.1466, 111.0124

Rectangle

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



61.0636, 45.1466, 57.1255



56.4855, 45.1466, 24.6077



28.7670, 45.1466, 41.9662



31.7058, 45.1466, 86.2207

Sweetspot

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



61.0647, 45.1487, 57.1264



82.6193, 79.5420, 91.1809



52.7082, 39.8935, 99.5299



17.2751, 16.3587, 18.9145



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.



61.0647, 45.1487, 57.1264



56.8295, 38.7098, 49.4517



56.8184, 44.3616, 31.9561



18.3565, 18.1259, 20.4945



23.3047, 11.8112, 10.2552



2.3235, 1.1718, 1.2849

Inverse Universe

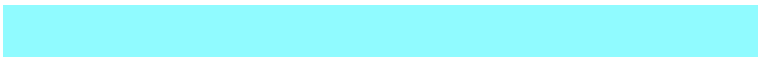
The Inverse Universe completely reimagines the original color for something new.



61.0647, 45.1487, 57.1264



56.8295, 38.7098, 49.4517



64.1438, 82.3320, 107.1187



18.3565, 18.1259, 20.4945



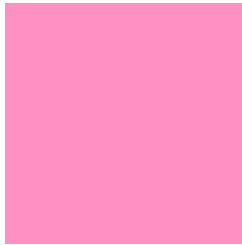
23.3047, 11.8112, 10.2552



2.3235, 1.1718, 1.2849

Previews

White Background



This preview shows how the XYZ color 61.0636, 45.1466, 57.1255 looks on a white background.

Color Contrast Check

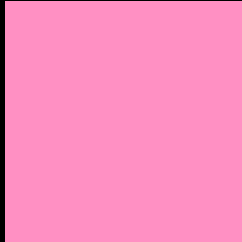
Large Text (above 18pt) WCAG AA × Fail

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 61.0636, 45.1466, 57.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

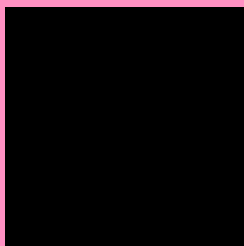
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0636, 45.1466, 57.1255

Background



This preview shows how black text looks on a background with the XYZ color 61.0636, 45.1466, 57.1255.



This preview shows how white text looks on a background with the XYZ color 61.0636, 45.1466,

57.1255.

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

61.0636, 45.1466, 57.1255

Protanopia

45.2394, 45.5085, 72.0453

Deuteranopia

46.1685, 45.1963, 55.0056



Tritanopia

57.4843, 45.0813, 39.3900

Trichromacy



Original Color

61.0636, 45.1466, 57.1255



Protanomaly

49.5020, 44.4324, 66.2889



Deuteranomaly

50.6360, 44.4472, 55.7795



Tritanomaly

58.6407, 45.0796, 45.1457

Monochromacy



Original Color

61.0636, 45.1466, 57.1255



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.4521, 45.5191, 53.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0636, 45.1466, 57.1255 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, 144, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.0636, 45.1466, 57.1255 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, 144, 195) }
```


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

```
.border{ border-color:rgb(255, 144, 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, 144, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0636, 45.1466, 57.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 195) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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