

Converting Colors

XYZ(61.8420, 45.7339, 60.3742)

Have a look what the booklet for
XYZ(61.8420, 45.7339, 60.3742)
contains.

XYZ(61.7907, 45.6809, 60.2042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7907, 45.6809,
60.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91C8
RGB	255, 145, 200
RGB Percent	100%, 57%, 78%
CMY	0.0000, 0.4313, 0.2157
CMYK	0.00, 0.43, 0.22, 0.00
HSL	330°, 100%, 78%
HSV	330°, 43%, 100%
XYZ	61.7907, 45.6809, 60.2042
YIQ	184.1600, 47.9050, 40.4250

Conversions

Conversions Part 2

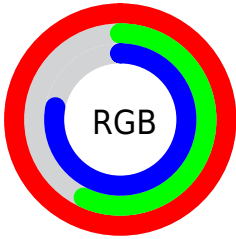
Format	Color
R _Y B	255, 145, 200
Decimal	16749000
CIE Lab	73.34, 48.07, -10.12
CIE LCh	73, 49.120, 348.107
Yxy	45.6809, 0.3685, 0.2724
Android (android.graphics.Color)	4294939080 (0xFFFF91C8)
YUV	184.1600, 7.8091, 62.1267
Hunter-Lab	67.5876, 44.9118, -5.5017

Details

The XYZ color **61.7907, 45.6809, 60.2042** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.8642, 81.7107, 67.3690**, and the grayscale version is **45.5892, 47.9634, 52.2321**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **31.6943, 21.2933, 29.6337** is the 20% darker color. If you saturate the color by 10%, you get **56.8938, 38.1732, 51.5239**, and if you desaturate by 10%, it is **67.6886, 54.9913, 69.8323**.

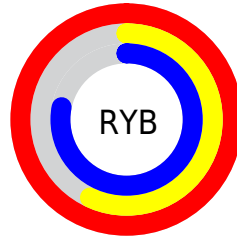
Distribution



Red (100%)

Green (57%)

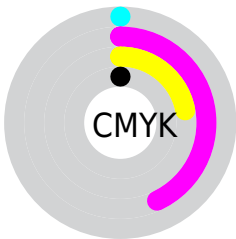
Blue (78%)



Red (100%)

Yellow (57%)

Blue (78%)

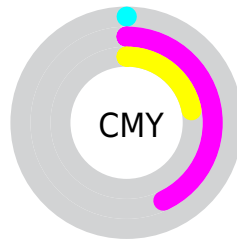


Cyan (0%)

Magenta (43%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7907, 45.6809, 60.2042 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 61.7907, 45.6809, 60.2042 by changing the saturation by 10% instead.


 61.7907, 45.6809,
60.2042


 61.7907, 45.6809,
60.2042


420.8970,
369.5243, 443.1756

 45.1186, 31.9941,
43.1569

 106.5146, 83.7412,
106.6721

 31.7525, 21.3570,
29.6759


 135.2971,
108.8835, 136.9298

 21.3272, 13.3852,
19.3428

168.8471,
138.6131, 172.4279

 13.4772, 7.6943,
11.7389

207.5300,
173.3144, 213.5852

 7.8372, 3.9000,
6.4458

251.7110,
213.3718, 260.8200

 4.0419, 1.6178,
3.0448

301.7556,

 1.7259, 0.3695,

259.1696, 314.5510

1.1176

358.0291,
311.0923, 375.1967

■ 0.4724, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7907, 45.6809,
60.2042

■ 61.7907, 45.6809,
60.2042

■ 56.8938, 38.1732,
51.5239

■ 67.6886, 54.9913,
69.8323

■ 52.9321, 32.3421,
43.7532

■ 74.6406, 66.2065,
80.4389

■ 49.8372, 28.0555,
36.8543

■ 82.7002, 79.4287,
92.0561

■ 47.5288, 25.1581,
30.7842

■ 91.9159, 94.7508,
104.7136

■ 45.9100, 23.4614,
25.4940

95.0500, 100.0000,
108.9000

■ 45.1031, 22.8052,
22.2728

Harmonies

Analogous

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



56.9981, 45.6809, 88.7597



61.7907, 45.6809, 60.2042



61.2029, 45.6809, 36.3673

Triad

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



61.7907, 45.6809, 60.2042



38.4566, 45.6809, 16.8343



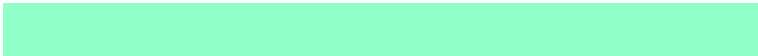
33.2418, 45.6809, 94.2341

Complementary

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



61.7907, 45.6809, 60.2042



57.8642, 81.7107, 67.3690

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.



29.4632, 45.6809, 66.0415



61.7907, 45.6809, 60.2042



32.1874, 45.6809, 24.2501

Square

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



61.7907, 45.6809, 60.2042



46.9334, 45.6809, 16.1943



29.1048, 45.6809, 40.5623



40.0833, 45.6809, 112.3435

Rectangle

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



61.7907, 45.6809, 60.2042



57.8484, 45.6809, 25.7730



29.1048, 45.6809, 40.5623



31.6128, 45.6809, 85.2628

Sweetspot

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



61.7918, 45.6830, 60.2051



82.8165, 79.6209, 92.2196



51.9967, 39.7526, 99.5402



17.3237, 16.3782, 19.1704



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.



61.7918, 45.6830, 60.2051



57.4012, 38.9385, 52.4625



56.4778, 43.5574, 32.2214



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4621

Inverse Universe

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



61.7918, 45.6830, 60.2051



57.4012, 38.9385, 52.4625



65.4882, 84.7603, 107.5165



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 61.7907, 45.6809, 60.2042 looks on a white background.

Color Contrast Check

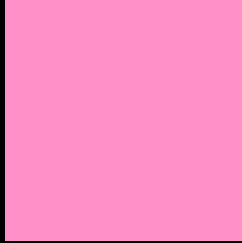
Large Text (above 18pt) WCAG AA × Fail

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 61.7907, 45.6809, 60.2042 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 61.7907, 45.6809, 60.2042

Background



This preview shows how black text looks on a background with the XYZ color 61.7907, 45.6809, 60.2042.



This preview shows how white text looks on a background with the XYZ color 61.7907, 45.6809,

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

61.7907, 45.6809, 60.2042

Protanopia

46.0995, 46.1721, 75.5896

Deuteranopia

46.9185, 45.8065, 57.9984



Tritanopia

57.6228, 45.6100, 40.4169

Trichromacy



Original Color

61.7907, 45.6809, 60.2042



Protanomaly

50.3134, 45.0490, 69.6619



Deuteranomaly

51.3778, 45.0292, 58.8069



Tritanomaly

58.7288, 45.3249, 46.7275

Monochromacy



Original Color

61.7907, 45.6809, 60.2042



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.2473, 46.1688, 54.9783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7907, 45.6809, 60.2042 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, 145, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 200)  
}
```

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, 145, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.7907, 45.6809, 60.2042 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, 145, 200) }
```


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

```
.border{ border-color:rgb(255, 145, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7907, 45.6809, 60.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 200) }
```

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

```
.background{ background-color: rgb(255,  
145, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor