

Converting Colors

XYZ(61.5822, 45.1644, 59.6845)

Have a look what the booklet for
XYZ(61.5822, 45.1644, 59.6845)
contains.

XYZ(61.3713, 45.0284, 59.4896)	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(61.3713, 45.0284,
59.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FC7
RGB	255, 143, 199
RGB Percent	100%, 56%, 78%
CMY	0.0000, 0.4392, 0.2196
CMYK	0.00, 0.44, 0.22, 0.00
HSL	330°, 100%, 78%
HSV	330°, 44%, 100%
XYZ	61.3713, 45.0284, 59.4896
YIQ	182.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

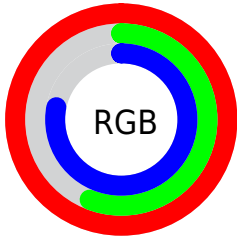
Format	Color
R _Y B	255, 143, 199
Decimal	16748487
CIE _{Lab}	72.91, 48.93, -10.21
CIE _{LCh}	73, 49.979, 348.215
Y _{xy}	45.0284, 0.3700, 0.2714
Android (android.graphics.Color)	4294938567 (0xFFFF8FC7)
Y _{UV}	182.8720, 7.9511, 63.2563
Hunter-Lab	67.1032, 45.8221, -5.5906

Details

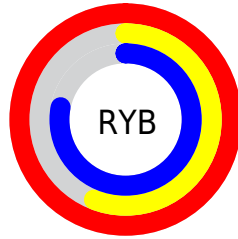
The XYZ color **61.3713, 45.0284, 59.4896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.3983, 81.4840, 66.7390**, and the grayscale version is **44.8798, 47.2171, 51.4194**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **31.4482, 20.9249, 29.1695** is the 20% darker color. If you saturate the color by 10%, you get **56.5500, 37.6568, 50.8820**, and if you desaturate by 10%, it is **67.1886, 54.1936, 69.0423**.

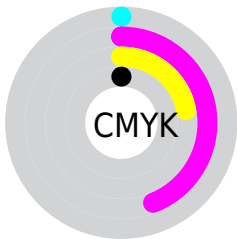
Distribution



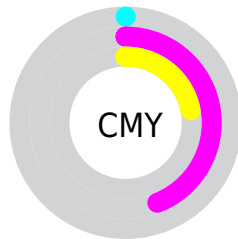
- Red (100%)
- Green (56%)
- Blue (78%)



- Red (100%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3713, 45.0284, 59.4896 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 61.3713, 45.0284, 59.4896 by changing the saturation by 10% instead.


 61.3713, 45.0284,
59.4896


 61.3713, 45.0284,
59.4896


419.3883,
366.8886, 440.4662

 44.7786, 31.4798,
42.5848


 105.9114, 82.7630,
105.6250

 31.4836, 20.9645,
29.2305


 134.5896,
107.7178, 135.6927

 21.1210, 13.0980,
19.0082

168.0268,
137.2435, 170.9851

 13.3254, 7.4961,
11.4993

206.5887,
171.7244, 211.9207

 7.7316, 3.7742,
6.2854

250.6403,
211.5450, 258.9180

 3.9740, 1.5481,
2.9478

300.5473,

 1.6874, 0.3222,

257.0896, 312.3957

1.0680

356.6748,
308.7427, 372.7723

■ 0.4484, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3713, 45.0284,
59.4896

■ 61.3713, 45.0284,
59.4896

■ 56.5500, 37.6568,
50.8820

■ 67.1886, 54.1936,
69.0423

■ 52.6590, 31.9519,
43.1812

■ 74.0560, 65.2555,
79.5709

■ 49.6289, 27.7802,
36.3489

■ 82.0268, 78.3169,
91.1077

■ 47.3784, 24.9844,
30.3419

■ 91.1502, 93.4710,
103.6825

■ 45.8088, 23.3724,
25.1104

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.



56.5371, 45.0284, 88.4275



61.3713, 45.0284, 59.4896



60.7553, 45.0284, 35.5144

Triad

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



61.3713, 45.0284, 59.4896



37.7747, 45.0284, 16.1273



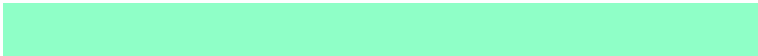
32.5821, 45.0284, 94.1830

Complementary

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



61.3713, 45.0284, 59.4896



57.3983, 81.4840, 66.7390

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.



28.7817, 45.0284, 65.5974



61.3713, 45.0284, 59.4896



31.4875, 45.0284, 23.5133

Square

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



61.3713, 45.0284, 59.4896



46.3100, 45.0284, 15.4731



28.4102, 45.0284, 39.8714



39.4684, 45.0284, 112.5490

Rectangle

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



61.3713, 45.0284, 59.4896



57.3484, 45.0284, 24.9439



28.4102, 45.0284, 39.8714



30.9440, 45.0284, 85.0790

Sweetspot

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



61.3723, 45.0304, 59.4905



82.8165, 79.6209, 92.2196



51.4275, 39.0094, 99.4268



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.



61.3723, 45.0304, 59.4905



56.9534, 38.2629, 51.6348



56.0218, 42.8902, 31.3151



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0349



2.3571, 1.1852, 1.4621

Inverse Universe

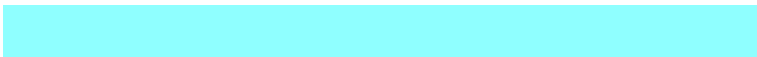
The Inverse Universe completely reimagines the original color for something new.



61.3723, 45.0304, 59.4905



56.9534, 38.2629, 51.6348



65.1388, 84.5802, 107.5002



18.3882, 18.1386, 20.6612



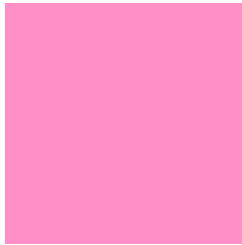
23.6427, 11.9464, 12.0349



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 61.3713, 45.0284, 59.4896 looks on a white background.

Color Contrast Check

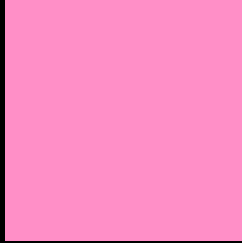
Large Text (above 18pt) WCAG AA × Fail

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 61.3713, 45.0284, 59.4896 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 61.3713, 45.0284, 59.4896

Background



This preview shows how black text looks on a background with the XYZ color 61.3713, 45.0284, 59.4896.



This preview shows how white text looks on a background with the XYZ color 61.3713, 45.0284,

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

61.3713, 45.0284, 59.4896

Protanopia

45.4674, 45.5497, 75.5028

Deuteranopia

46.1089, 45.1143, 57.3167



Tritanopia

57.1230, 44.8951, 39.3731

Trichromacy



Original Color

61.3713, 45.0284, 59.4896



Protanomaly

49.4121, 44.0447, 69.5155



Deuteranomaly

50.7926, 44.4760, 58.1322



Tritanomaly

58.3165, 44.6580, 46.1037

Monochromacy



Original Color

61.3713, 45.0284, 59.4896



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.4824, 45.2347, 54.2673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3713, 45.0284, 59.4896 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, 143, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 199)  
}
```

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, 143, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.3713, 45.0284, 59.4896 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, 143, 199) }
```


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

```
.border{ border-color:rgb(255, 143, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3713, 45.0284, 59.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 199) }
```

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

```
.background{ background-color: rgb(255,  
143, 199) }
```

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