

Converting Colors

XYZ(61.1238, 46.5617, 54.9630)

Have a look what the booklet for
XYZ(61.1238, 46.5617, 54.9630)
contains.

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Color

**XYZ(61.1834, 46.6451,
55.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	FE96BF
RGB	254, 150, 191
RGB Percent	100%, 59%, 75%
CMY	0.0039, 0.4117, 0.2510
CMYK	0.00, 0.41, 0.25, 0.00
HSL	336°, 98%, 79%
HSV	336°, 41%, 100%
XYZ	61.1834, 46.6451, 55.0689
YIQ	185.7700, 48.8230, 34.7990

Conversions

Conversions Part 2

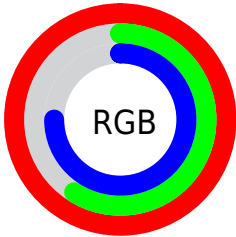
Format	Color
R_{YB}	254, 150, 191
Decimal	16684735
CIE _{Lab}	73.96, 43.95, -4.24
CIE _{LCh}	74, 44.156, 354.489
Yxy	46.6451, 0.3756, 0.2863
Android (android.graphics.Color)	4294874815 (0xFFFE96BF)
YUV	185.7700, 2.5784, 59.8377
Hunter-Lab	68.2972, 40.3874, 0.0018

Details

The XYZ color **61.1834, 46.6451, 55.0689** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.0319, 82.1730, 75.6518**, and the grayscale version is **46.5116, 48.9338, 53.2889**.

A 20% lighter version of the original color is **80.0998, 72.1180, 97.6941**, and **31.3678, 21.9865, 26.6353** is the 20% darker color. If you saturate the color by 10%, you get **55.9554, 38.7580, 45.4060**, and if you desaturate by 10%, it is **67.4703, 56.3645, 65.9635**.

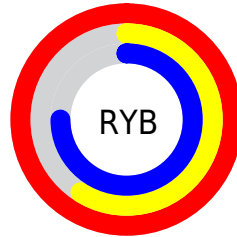
Distribution



Red (100%)

Green (59%)

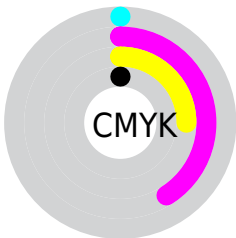
Blue (75%)



Red (100%)

Yellow (59%)

Blue (75%)

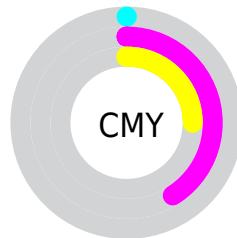


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1834, 46.6451, 55.0689 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 61.1834, 46.6451, 55.0689 by changing the saturation by 10% instead.


 61.1834, 46.6451,
55.0689


 61.1834, 46.6451,
55.0689


418.7113,
373.3961, 423.4624

 44.6263, 32.7552,
39.0579


 105.6411, 85.1836,
99.1141

 31.3632, 21.9390,
26.4966


 134.2723,
110.6010, 127.9853

 21.0288, 13.8121,
16.9664

167.6590,
140.6297, 161.9804

 13.2576, 7.9901,
10.0489

206.1665,
175.6541, 201.5179

 7.6844, 4.0886,
5.3253

250.1601,
216.0585, 247.0163

 3.9438, 1.7232,
2.3773

300.0052,

 1.6704, 0.4386,

262.2274, 298.8941

0.7741

356.0671,
314.5451, 357.5700

■ 0.4376, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1834, 46.6451,
55.0689

■ 61.1834, 46.6451,
55.0689

■ 55.9554, 38.7580,
45.4060

■ 67.4703, 56.3645,
65.9635

■ 51.7197, 32.5798,
36.9242

■ 74.8696, 68.0160,
78.1321

■ 48.4075, 27.9820,
29.5727

■ 83.4358, 81.7001,
91.6179

■ 45.9394, 24.8152,
23.2951

■ 93.2184, 97.5082,
106.4613

■ 44.2207, 22.9003,
18.0283

94.6833, 99.8109,
108.8828

■ 43.1797, 21.9935,
14.0582

Harmonies

Analogous

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



57.8412, 46.6451, 80.3790



61.1834, 46.6451, 55.0689



59.5952, 46.6451, 34.8469

Triad

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



61.1834, 46.6451, 55.0689



38.3483, 46.6451, 20.6586



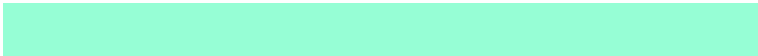
36.1066, 46.6451, 94.9101

Complementary

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



61.1834, 46.6451, 55.0689



60.0319, 82.1730, 75.6518

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.



31.9308, 46.6451, 70.9738



61.1834, 46.6451, 55.0689



33.1138, 46.6451, 29.5304

Square

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



61.1834, 46.6451, 55.0689



45.8052, 46.6451, 18.6924



30.9036, 46.6451, 46.7360



42.8962, 46.6451, 107.3529

Rectangle

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



61.1834, 46.6451, 55.0689



56.0406, 46.6451, 26.0530



30.9036, 46.6451, 46.7360



34.3843, 46.6451, 87.6520

Sweetspot

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



61.1847, 46.6473, 55.0698



83.2109, 80.8696, 90.9334



56.0646, 43.0276, 99.1166



17.5578, 16.9040, 19.0705



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.



61.1847, 46.6473, 55.0698



57.3969, 40.5056, 47.6031



59.0201, 48.5557, 35.1184



18.3059, 18.1057, 20.2280



22.8322, 11.6222, 7.7669



2.2750, 1.1524, 1.0296

Inverse Universe

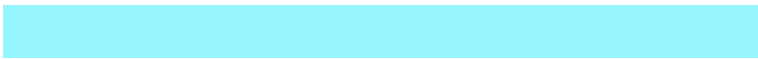
The Inverse Universe completely reimagines the original color for something new.



61.1847, 46.6473, 55.0698



57.3969, 40.5056, 47.6031



62.6992, 78.1021, 105.5370



18.3059, 18.1057, 20.2280



22.8322, 11.6222, 7.7669



2.2750, 1.1524, 1.0296

Previews

White Background



This preview shows how the XYZ color 61.1834, 46.6451, 55.0689 looks on a white background.

Color Contrast Check

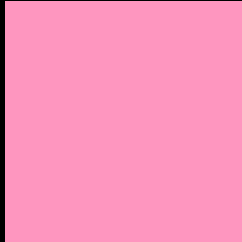
Large Text (above 18pt) WCAG AA × Fail

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 61.1834, 46.6451, 55.0689 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 61.1834, 46.6451, 55.0689

Background



This preview shows how black text looks on a background with the XYZ color 61.1834, 46.6451, 55.0689.



This preview shows how white text looks on a background with the XYZ color 61.1834, 46.6451,

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

61.1834, 46.6451, 55.0689

Protanopia

46.2882, 47.0480, 67.6143

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

58.3879, 46.7051, 42.0140

Trichromacy



Original Color

61.1834, 46.6451, 55.0689



Protanomaly

50.3311, 46.0404, 62.7339



Deuteranomaly

51.8093, 46.1737, 53.7587



Tritanomaly

59.2740, 46.5731, 46.4229

Monochromacy



Original Color

61.1834, 46.6451, 55.0689



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.8846, 47.3669, 54.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1834, 46.6451, 55.0689 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(254, 150, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 191)  
}
```

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(254, 150, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.1834, 46.6451, 55.0689 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(254, 150, 191) }
```


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

```
.border{ border-color:rgb(254, 150, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1834, 46.6451, 55.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 191) }
```

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

```
.background{ background-color: rgb(254,  
150, 191) }
```

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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