

Converting Colors

XYZ(123.8890, 78.5342,
56.9360)

Have a look what the booklet for
XYZ(123.8890, 78.5342, 56.9360)
contains.

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Color

**XYZ(61.0152, 46.1139,
53.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94BD
RGB	255, 148, 189
RGB Percent	100%, 58%, 74%
CMY	0.0000, 0.4196, 0.2588
CMYK	0.00, 0.42, 0.26, 0.00
HSL	337°, 100%, 79%
HSV	337°, 42%, 100%
XYZ	61.0152, 46.1139, 53.8291
YIQ	184.6670, 50.6110, 35.4350

Conversions

Conversions Part 2

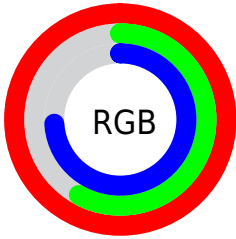
Format	Color
R_{YB}	255, 148, 189
Decimal	16749757
CIE _{Lab}	73.62, 45.03, -3.63
CIE _{LCh}	74, 45.179, 355.396
Yxy	46.1139, 0.3791, 0.2865
Android (android.graphics.Color)	4294939837 (0xFFFF94BD)
YUV	184.6670, 2.1362, 61.6820
Hunter-Lab	67.9072, 41.5461, 0.5367

Details

The XYZ color **61.0152, 46.1139, 53.8291** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.1123, 82.6719, 76.4112**, and the grayscale version is **45.8992, 48.2895, 52.5872**.

A 20% lighter version of the original color is **79.3143, 71.0383, 95.9176**, and **31.3011, 21.6978, 25.8309** is the 20% darker color. If you saturate the color by 10%, you get **55.8310, 38.3315, 44.1290**, and if you desaturate by 10%, it is **67.2679, 55.7366, 64.8001**.

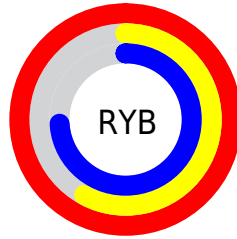
Distribution



Red (100%)

Green (58%)

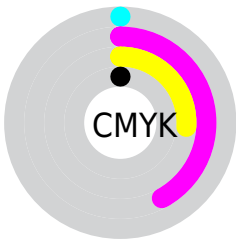
Blue (74%)



Red (100%)

Yellow (58%)

Blue (74%)

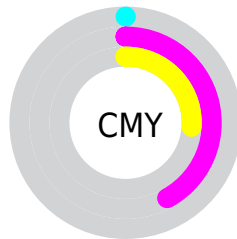


Cyan (0%)

Magenta (42%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0152, 46.1139, 53.8291 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 61.0152, 46.1139, 53.8291 by changing the saturation by 10% instead.


 61.0152, 46.1139,
53.8291

 61.0152, 46.1139,
53.8291


418.1048,
371.2664, 418.6142

 44.4900, 32.3357,
38.0728


 105.3989, 84.3894,
97.2771

 31.2555, 21.6180,
25.7369


 133.9882,
109.6556, 125.8060

 20.9463, 13.5765,
16.4029


167.3295,
139.5198, 159.4294

 13.1970, 7.8267,
9.6523

205.7883,
174.3665, 198.5659

 7.6422, 3.9843,
5.0665

249.7299,
214.5802, 243.6341

 3.9168, 1.6648,
2.2269

299.5195,

 1.6552, 0.4007,

260.5451, 295.0525

0.6898

355.5227,
312.6457, 353.2397

■ 0.4279, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0152, 46.1139,
53.8291

■ 61.0152, 46.1139,
53.8291

■ 55.8310, 38.3315,
44.1290

■ 67.2679, 55.7366,
64.8001

■ 51.6475, 32.2635,
35.6465

■ 74.6443, 67.3016,
77.0866

■ 48.3940, 27.7785,
28.3283

■ 83.2000, 80.9112,
90.7341

■ 45.9884, 24.7230,
22.1146

■ 92.9856, 96.6585,
105.7850

■ 44.3329, 22.9119, 95.0500, 100.0000,
16.9384 108.9000

■ 43.4306, 22.1362,
13.4655

Harmonies

Analogous

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



57.7455, 46.1139, 79.6053



61.0152, 46.1139, 53.8291



59.2418, 46.1139, 33.5911

Triad

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



61.0152, 46.1139, 53.8291



37.5598, 46.1139, 20.0072



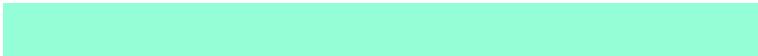
35.6636, 46.1139, 95.8860

Complementary

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



61.0152, 46.1139, 53.8291



60.1123, 82.6719, 76.4112

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.



31.3536, 46.1139, 71.5665



61.0152, 46.1139, 53.8291



32.3513, 46.1139, 29.1215

Square

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



61.0152, 46.1139, 53.8291



45.0759, 46.1139, 17.8612



30.2186, 46.1139, 46.7572



42.6070, 46.1139, 108.1486

Rectangle

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



61.0152, 46.1139, 53.8291



55.5399, 46.1139, 24.9276



30.2186, 46.1139, 46.7572



33.8937, 46.1139, 88.5485

Sweetspot

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



61.0163, 46.1161, 53.8300



82.2521, 79.3952, 89.2475



56.3684, 42.6959, 99.8779



17.1849, 16.3226, 18.4392



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.



61.0163, 46.1161, 53.8300



56.7654, 39.7167, 45.9310



59.2416, 48.7099, 34.2993



18.2974, 18.1023, 20.1831



22.7606, 11.5935, 7.3897



2.2675, 1.1494, 0.9899

Inverse Universe

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



61.0163, 46.1161, 53.8300



56.7654, 39.7167, 45.9310



62.1703, 77.3292, 106.2571



18.2974, 18.1023, 20.1831



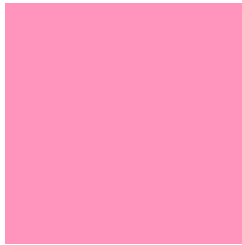
22.7606, 11.5935, 7.3897



2.2675, 1.1494, 0.9899

Previews

White Background



This preview shows how the XYZ color 61.0152, 46.1139, 53.8291 looks on a white background.

Color Contrast Check

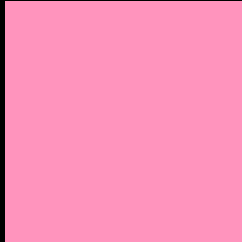
Large Text (above 18pt) WCAG AA × Fail

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 61.0152, 46.1139, 53.8291 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 61.0152, 46.1139, 53.8291

Background



This preview shows how black text looks on a background with the XYZ color 61.0152, 46.1139, 53.8291.



This preview shows how white text looks on a background with the XYZ color 61.0152, 46.1139,

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

61.0152, 46.1139, 53.8291

Protanopia

45.7344, 46.4761, 66.8819

Deuteranopia

47.2030, 46.3817, 51.8121



Tritanopia

58.6001, 46.3454, 40.9790

Trichromacy



Original Color

61.0152, 46.1139, 53.8291



Protanomaly

49.8401, 45.2487, 61.9841



Deuteranomaly

51.4126, 45.7230, 52.5701



Tritanomaly

59.4825, 46.2212, 45.3217

Monochromacy



Original Color

61.0152, 46.1139, 53.8291



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.1938, 46.7519, 52.8329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0152, 46.1139, 53.8291 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, 148, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 189)  
}
```

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, 148, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.0152, 46.1139, 53.8291 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, 148, 189) }
```


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

```
.border{ border-color:rgb(255, 148, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0152, 46.1139, 53.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 189) }
```

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

```
.background{ background-color: rgb(255,  
148, 189) }
```

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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