

Converting Colors

XYZ(81.5371, 51.5358, 55.9977)

Have a look what the booklet for
XYZ(81.5371, 51.5358, 55.9977)
contains.

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Color

**XYZ(58.0733, 39.5256,
55.0205)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CC1
RGB	255, 124, 193
RGB Percent	100%, 49%, 76%
CMY	0.0000, 0.5137, 0.2431
CMYK	0.00, 0.51, 0.24, 0.00
HSL	328°, 100%, 74%
HSV	328°, 51%, 100%
XYZ	58.0733, 39.5256, 55.0205
YIQ	171.0350, 55.9270, 49.2310

Conversions

Conversions Part 2

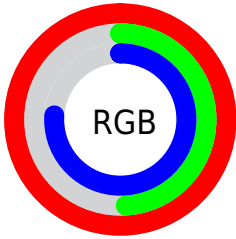
Format	Color
RYB	255, 124, 193
Decimal	16743617
CIELab	69.13, 57.34, -12.52
CIElCh	69, 58.688, 347.678
Yxy	39.5256, 0.3805, 0.2590
Android (android.graphics.Color)	4294933697 (0xFFFF7CC1)
YUV	171.0350, 10.8287, 73.6373
Hunter-Lab	62.8694, 54.8614, -7.8794

Details

The XYZ color **58.0733, 39.5256, 55.0205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.9369, 79.3511, 58.9843**, and the grayscale version is **38.6552, 40.6683, 44.2878**.

A 20% lighter version of the original color is **74.6601, 60.7421, 97.4119**, and **29.2330, 17.6004, 26.2826** is the 20% darker color. If you saturate the color by 10%, you get **53.9888, 33.4240, 47.2852**, and if you desaturate by 10%, it is **63.0958, 47.3270, 63.6114**.

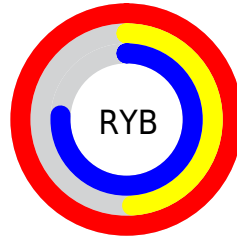
Distribution



Red (100%)

Green (49%)

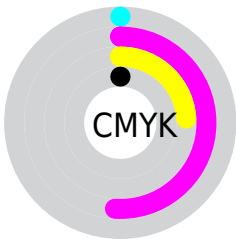
Blue (76%)



Red (100%)

Yellow (49%)

Blue (76%)

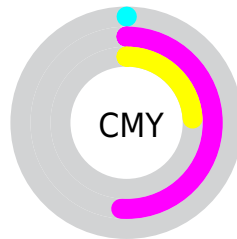


Cyan (0%)

Magenta (51%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0733, 39.5256, 55.0205 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 58.0733, 39.5256, 55.0205 by changing the saturation by 10% instead.


 58.0733, 39.5256,
55.0205


 58.0733, 39.5256,
55.0205


407.4085,
344.1200, 423.2738


 42.1111, 27.1689,
39.0194

 101.1519, 74.4406,
99.0424

 29.3798, 17.7001,
26.4669


 128.9991, 97.7676,
127.9004

 19.5140, 10.7349,
16.9444


 161.5385,
125.5202, 161.8810

 12.1485, 5.8889,
10.0333

199.1357,
158.0827, 201.4029

 6.9178, 2.7776,
5.3151

242.1559,
195.8395, 246.8846

 3.4566, 1.0168,
2.3714

290.9646,

 1.3996, 0.0000,

239.1751, 298.7446

0.7708

345.9270,
288.4738, 357.4015

■ 0.2559, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0733, 39.5256,
55.0205

■ 58.0733, 39.5256,
55.0205

■ 53.9888, 33.4240,
47.2852

■ 63.0958, 47.3270,
63.6114

■ 50.7715, 28.8855,
40.3679

■ 69.1139, 56.9399,
73.0884

■ 48.3451, 25.7611,
34.2301

■ 76.1840, 68.4728,
83.4827

■ 46.6166, 23.8699,
28.8269

■ 84.3571, 82.0243,
94.8229

■ 45.5646, 22.9898,
24.7029

■ 93.6809, 97.6858,
107.1363

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.5337, 39.5256, 87.9923



58.0733, 39.5256, 55.0205



57.4924, 39.5256, 29.1866

Triad

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



58.0733, 39.5256, 55.0205



32.3557, 39.5256, 10.2090



26.6913, 39.5256, 93.6022

Complementary

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



58.0733, 39.5256, 55.0205



52.9369, 79.3511, 58.9843

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.



22.8776, 39.5256, 60.6935



58.0733, 39.5256, 55.0205



25.7542, 39.5256, 16.7960

Square

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



58.0733, 39.5256, 55.0205



41.5475, 39.5256, 9.7380



22.5659, 39.5256, 32.9330



33.8509, 39.5256, 115.7385

Rectangle

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



58.0733, 39.5256, 55.0205



53.7166, 39.5256, 18.5663



22.5659, 39.5256, 32.9330



25.0310, 39.5256, 82.9302

Sweetspot

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



58.0743, 39.5275, 55.0213



81.2593, 76.8653, 90.5949



45.2993, 31.9686, 98.3908



17.0225, 15.8381, 18.8780



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.



58.0743, 39.5275, 55.0213



53.7611, 33.0932, 46.8254



52.3695, 37.2456, 24.9803



18.4091, 18.1470, 20.7716



23.8846, 12.0431, 13.3086



2.3808, 1.1947, 1.5867

Inverse Universe

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



58.0743, 39.5275, 55.0213



53.7611, 33.0932, 46.8254



61.4281, 82.7476, 103.6985



18.4091, 18.1470, 20.7716



23.8846, 12.0431, 13.3086



2.3808, 1.1947, 1.5867

Previews

White Background



This preview shows how the XYZ color 58.0733, 39.5256, 55.0205 looks on a white background.

Color Contrast Check

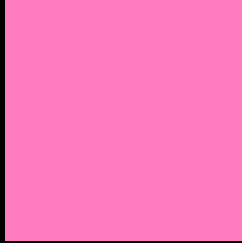
Large Text (above 18pt) WCAG AA × Fail

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 58.0733, 39.5256, 55.0205 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 58.0733, 39.5256, 55.0205

Background



This preview shows how black text looks on a background with the XYZ color 58.0733, 39.5256, 55.0205.



This preview shows how white text looks on a background with the XYZ color 58.0733, 39.5256,

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

58.0733, 39.5256, 55.0205

Protanopia

40.3300, 39.7814, 74.6602

Deuteranopia

40.6782, 39.9204, 52.0158



Tritanopia

52.9835, 39.3878, 31.1956

Trichromacy



Original Color

58.0733, 39.5256, 55.0205



Protanomaly

44.3103, 37.9127, 66.6105



Deuteranomaly

45.5453, 38.6086, 53.1958



Tritanomaly

54.6491, 39.2693, 38.8818

Monochromacy



Original Color

58.0733, 39.5256, 55.0205



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.0494, 38.9224, 47.8390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0733, 39.5256, 55.0205 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, 124, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 193)  
}
```

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, 124, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.0733, 39.5256, 55.0205 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, 124, 193) }
```


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

```
.border{ border-color:rgb(255, 124, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0733, 39.5256, 55.0205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 193) }
```

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

```
.background{ background-color: rgb(255,  
124, 193) }
```

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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