

Converting Colors

XYZ(59.2697, 39.8627, 56.1540)

Have a look what the booklet for
XYZ(59.2697, 39.8627, 56.1540)
contains.

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Color

**XYZ(58.1733, 39.3660,
56.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BC3
RGB	255, 123, 195
RGB Percent	100%, 48%, 76%
CMY	0.0000, 0.5176, 0.2353
CMYK	0.00, 0.52, 0.24, 0.00
HSL	327°, 100%, 74%
HSV	327°, 52%, 100%
XYZ	58.1733, 39.3660, 56.1621
YIQ	170.6760, 55.5600, 50.3760

Conversions

Conversions Part 2

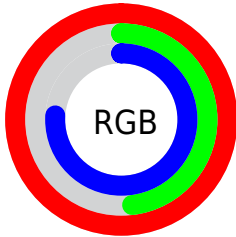
Format	Color
R_{YB}	255, 123, 195
Decimal	16743363
CIE _{Lab}	69.02, 58.07, -13.82
CIE _{LCh}	69, 59.695, 346.617
Yxy	39.3660, 0.3785, 0.2561
Android (android.graphics.Color)	4294933443 (0xFFFF7BC3)
YUV	170.6760, 11.9917, 73.9521
Hunter-Lab	62.7423, 55.7022, -9.1522

Details

The XYZ color **58.1733, 39.3660, 56.1621** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.4773, 79.1506, 57.3149**, and the grayscale version is **38.4697, 40.4731, 44.0753**.

A 20% lighter version of the original color is **74.9308, 60.5285, 99.8293**, and **29.3206, 17.5395, 27.0394** is the 20% darker color. If you saturate the color by 10%, you get **54.1516, 33.3394, 48.6045**, and if you desaturate by 10%, it is **63.1223, 47.0843, 64.5317**.

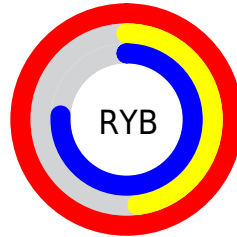
Distribution



Red (100%)

Green (48%)

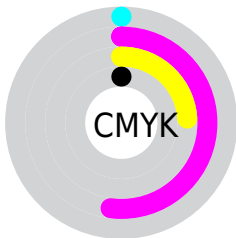
Blue (76%)



Red (100%)

Yellow (48%)

Blue (76%)

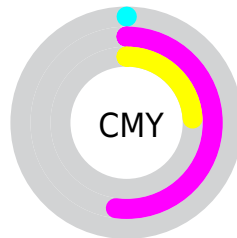


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1733, 39.3660, 56.1621 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 58.1733, 39.3660, 56.1621 by changing the saturation by 10% instead.


 58.1733, 39.3660,
56.1621


 58.1733, 39.3660,
56.1621


407.7748,
343.4441, 427.7076


 42.1918, 27.0446,
39.9280


 101.2967, 74.1971,
100.7297

 29.4433, 17.6067,
27.1691


 129.1693, 97.4756,
129.9003

 19.5624, 10.6680,
17.4667

 161.7363,
125.1752, 164.2202

 12.1837, 5.8441,
10.4023

199.3631,
157.6803, 204.1079

 6.9420, 2.7505,
5.5574

242.4149,
195.3754, 249.9819

 3.4719, 1.0029,
2.5135

291.2573,

 1.4079, 0.0000,

238.6448, 302.2609

0.8473

346.2555,
287.8729, 361.3632

■ 0.2619, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1733, 39.3660,
56.1621

■ 58.1733, 39.3660,
56.1621

■ 54.1516, 33.3394,
48.6045

■ 63.1223, 47.0843,
64.5317

■ 50.9867, 28.8672,
41.8228

■ 69.0563, 56.6064,
73.7421

■ 48.6019, 25.7998,
35.7800

■ 76.0316, 68.0411,
83.8232

■ 46.9040, 23.9549,
30.4330

■ 84.0991, 81.4870,
94.8023

■ 45.9065, 23.1266,
26.5035

■ 93.3062, 97.0359,
106.7052

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.



52.3413, 39.3660, 89.8331



58.1733, 39.3660, 56.1621



57.8155, 39.3660, 29.5631

Triad

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



58.1733, 39.3660, 56.1621



32.4268, 39.3660, 9.7173



26.2094, 39.3660, 93.3001

Complementary

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



58.1733, 39.3660, 56.1621



52.4773, 79.1506, 57.3149

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.



22.4872, 39.3660, 59.6511



58.1733, 39.3660, 56.1621



25.6379, 39.3660, 16.0165

Square

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



58.1733, 39.3660, 56.1621



41.8100, 39.3660, 9.4356



22.2975, 39.3660, 31.8487



33.3415, 39.3660, 116.6597

Rectangle

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



58.1733, 39.3660, 56.1621



54.0955, 39.3660, 18.6001



22.2975, 39.3660, 31.8487



24.5749, 39.3660, 82.3010

Sweetspot

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



58.1742, 39.3678, 56.1628



80.5436, 75.5370, 90.0380



44.5208, 31.3820, 98.3186



16.8856, 15.5782, 18.7892



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.



58.1742, 39.3678, 56.1628



54.0666, 33.2154, 48.4342



52.3267, 37.0288, 25.3703



18.4239, 18.1529, 20.8493



24.0635, 12.1147, 14.2507



2.3981, 1.2016, 1.6779

Inverse Universe

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



58.1742, 39.3678, 56.1628



54.0666, 33.2154, 48.4342



60.9349, 82.5337, 101.8519



18.4239, 18.1529, 20.8493



24.0635, 12.1147, 14.2507



2.3981, 1.2016, 1.6779

Previews

White Background



This preview shows how the XYZ color 58.1733, 39.3660, 56.1621 looks on a white background.

Color Contrast Check

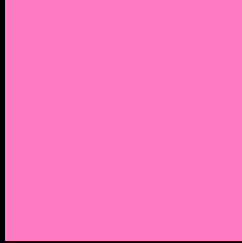
Large Text (above 18pt) WCAG AA × Fail

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 58.1733, 39.3660, 56.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

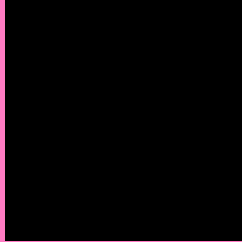
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1733, 39.3660, 56.1621

Background



This preview shows how black text looks on a background with the XYZ color 58.1733, 39.3660, 56.1621.



This preview shows how white text looks on a background with the XYZ color 58.1733, 39.3660,

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

58.1733, 39.3660, 56.1621

Protanopia

40.5462, 39.8460, 76.7882

Deuteranopia

40.2571, 39.4119, 53.0624



Tritanopia

52.9074, 39.3574, 30.7948

Trichromacy



Original Color

58.1733, 39.3660, 56.1621



Protanomaly

44.4394, 37.9354, 68.5984



Deuteranomaly

45.3283, 38.2356, 54.2814



Tritanomaly

54.6491, 39.2693, 38.8818

Monochromacy



Original Color

58.1733, 39.3660, 56.1621



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.1509, 38.9630, 48.3736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1733, 39.3660, 56.1621 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, 123, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 195)  
}
```

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, 123, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.1733, 39.3660, 56.1621 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, 123, 195) }
```


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

```
.border{ border-color:rgb(255, 123, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1733, 39.3660, 56.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 195) }
```

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

```
.background{ background-color: rgb(255,  
123, 195) }
```

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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