

Converting Colors

XYZ(58.1542, 39.5533, 55.4611)

Have a look what the booklet for
XYZ(58.1542, 39.5533, 55.4611)
contains.

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Color

**XYZ(58.1853, 39.5703,
55.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CC2
RGB	255, 124, 194
RGB Percent	100%, 49%, 76%
CMY	0.0000, 0.5137, 0.2392
CMYK	0.00, 0.51, 0.24, 0.00
HSL	328°, 100%, 74%
HSV	328°, 51%, 100%
XYZ	58.1853, 39.5703, 55.6101
YIQ	171.1490, 55.6060, 49.5420

Conversions

Conversions Part 2

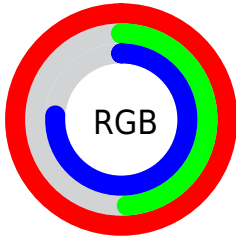
Format	Color
R _Y B	255, 124, 194
Decimal	16743618
CIE Lab	69.16, 57.47, -13.04
CIE LCh	69, 58.930, 347.220
Yxy	39.5703, 0.3794, 0.2580
Android (android.graphics.Color)	4294933698 (0xFFFF7CC2)
YUV	171.1490, 11.2655, 73.5373
Hunter-Lab	62.9049, 55.0239, -8.3809

Details

The XYZ color **58.1853, 39.5703, 55.6101** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8308, 79.3086, 58.4259**, and the grayscale version is **38.7103, 40.7262, 44.3509**.

A 20% lighter version of the original color is **74.9738, 60.8676, 99.0638**, and **29.3064, 17.6298, 26.6692** is the 20% darker color. If you saturate the color by 10%, you get **54.1118, 33.4732, 47.9334**, and if you desaturate by 10%, it is **63.1933, 47.3658, 64.1250**.

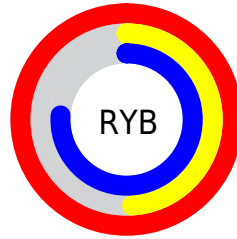
Distribution



Red (100%)

Green (49%)

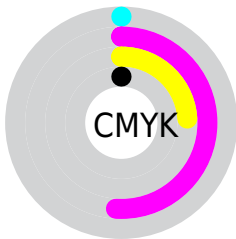
Blue (76%)



Red (100%)

Yellow (49%)

Blue (76%)

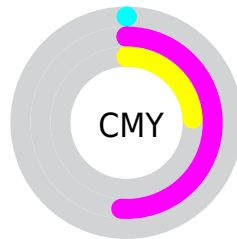


Cyan (0%)

Magenta (51%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1853, 39.5703, 55.6101 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 58.1853, 39.5703, 55.6101 by changing the saturation by 10% instead.


 58.1853, 39.5703,
55.6101


 58.1853, 39.5703,
55.6101


407.8188,
344.3091, 425.5674


 42.2015, 27.2037,
39.4885


 101.3141, 74.5087,
99.9144

 29.4509, 17.7262,
26.8292

 129.1897, 97.8493,
128.9341

 19.5682, 10.7536,
17.2137


 161.7600,
125.6167, 163.0904

 12.1880, 5.9014,
10.2234

199.3903,
158.1953, 202.8016

 6.9449, 2.7852,
5.4398

242.4460,
195.9694, 248.4864

 3.4737, 1.0207,
2.4443

291.2924,

 1.4089, 0.0000,

239.3235, 300.5632

0.8104

346.2949,
288.6419, 359.4507

■ 0.2626, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1853, 39.5703,
55.6101

■ 58.1853, 39.5703,
55.6101

■ 54.1118, 33.4732,
47.9334

■ 63.1933, 47.3658,
64.1250

■ 50.9025, 28.9378,
41.0579

■ 69.1935, 56.9715,
73.5079

■ 48.4810, 25.8154,
34.9459

■ 76.2421, 68.4958,
83.7893

■ 46.7546, 23.9251,
29.5534

■ 84.3901, 82.0372,
94.9973

■ 45.7021, 23.0448,
25.4270

■ 93.6849, 97.6872,
107.1585

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.



52.5332, 39.5703, 88.7962



58.1853, 39.5703, 55.6101



57.7009, 39.5703, 29.4805

Triad

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



58.1853, 39.5703, 55.6101



32.4989, 39.5703, 10.1026



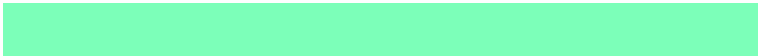
26.6004, 39.5703, 93.4779

Complementary

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



58.1853, 39.5703, 55.6101



52.8308, 79.3086, 58.4259

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.



22.8261, 39.5703, 60.3395



58.1853, 39.5703, 55.6101



25.8206, 39.5703, 16.5832

Square

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



58.1853, 39.5703, 55.6101



41.7614, 39.5703, 9.7123



22.5667, 39.5703, 32.5983



33.7440, 39.5703, 116.0613

Rectangle

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



58.1853, 39.5703, 55.6101



53.9573, 39.5703, 18.7079



22.5667, 39.5703, 32.5983



24.9515, 39.5703, 82.6978

Sweetspot

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



58.1862, 39.5721, 55.6108



81.3020, 76.8824, 90.8197



44.7760, 31.6987, 98.3662



17.0328, 15.8422, 18.9321



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.



58.1862, 39.5721, 55.6108



53.8848, 33.1427, 47.4768



52.5153, 37.3037, 25.7480



18.4151, 18.1494, 20.8032



23.9566, 12.0719, 13.6876



2.3878, 1.1975, 1.6235

Inverse Universe

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



58.1862, 39.5721, 55.6108



53.8848, 33.1427, 47.4768



61.0864, 82.6109, 101.8996



18.4151, 18.1494, 20.8032



23.9566, 12.0719, 13.6876



2.3878, 1.1975, 1.6235

Previews

White Background



This preview shows how the XYZ color 58.1853, 39.5703, 55.6101 looks on a white background.

Color Contrast Check

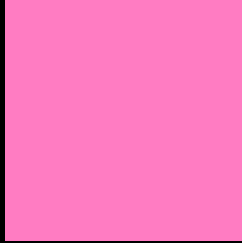
Large Text (above 18pt) WCAG AA × Fail

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 58.1853, 39.5703, 55.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

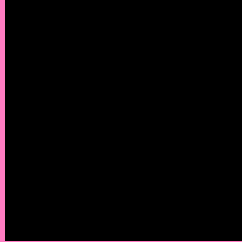
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1853, 39.5703, 55.6101

Background



This preview shows how black text looks on a background with the XYZ color 58.1853, 39.5703, 55.6101.



This preview shows how white text looks on a background with the XYZ color 58.1853, 39.5703,

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

58.1853, 39.5703, 55.6101

Protanopia

40.5997, 39.8893, 76.0806

Deuteranopia

40.5562, 39.8452, 52.5671



Tritanopia

52.9835, 39.3878, 31.1956

Trichromacy



Original Color

58.1853, 39.5703, 55.6101



Protanomaly

44.5627, 38.0137, 67.9395



Deuteranomaly

45.3774, 38.5095, 53.7566



Tritanomaly

54.6491, 39.2693, 38.8818

Monochromacy



Original Color

58.1853, 39.5703, 55.6101



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 58.1853, 39.5703, 55.6101 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.1853, 39.5703, 55.6101 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, 194) }
```


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

```
.border{ border-color:rgb(255, 124, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1853, 39.5703, 55.6101 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
124, 194) }
```

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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