

Converting Colors

XYZ(55.5313, 39.2370, 39.3907)

Have a look what the booklet for
XYZ(55.5313, 39.2370, 39.3907)
contains.

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Color

**XYZ(55.5700, 39.3427,
39.3154)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80A3
RGB	255, 128, 163
RGB Percent	100%, 50%, 64%
CMY	0.0000, 0.4980, 0.3608
CMYK	0.00, 0.50, 0.36, 0.00
HSL	343°, 100%, 75%
HSV	343°, 50%, 100%
XYZ	55.5700, 39.3427, 39.3154
YIQ	169.9630, 64.4570, 37.8090

Conversions

Conversions Part 2

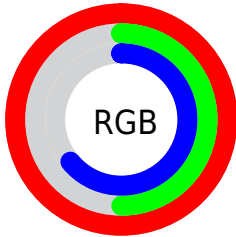
Format	Color
R_{YB}	255, 128, 163
Decimal	16744611
CIE _{Lab}	69.00, 51.72, 4.13
CIE _{LCh}	69, 51.882, 4.568
Yxy	39.3427, 0.4140, 0.2931
Android (android.graphics.Color)	4294934691 (0xFFFF80A3)
YUV	169.9630, -3.4328, 74.5774
Hunter-Lab	62.7238, 48.3752, 6.7435

Details

The XYZ color **55.5700, 39.3427, 39.3154** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.5823, 81.2774, 80.3679**, and the grayscale version is **38.1854, 40.1740, 43.7495**.

A 20% lighter version of the original color is **71.0354, 60.6029, 74.2832**, and **27.8237, 17.6474, 16.9787** is the 20% darker color. If you saturate the color by 10%, you get **51.1158, 32.8926, 30.2523**, and if you desaturate by 10%, it is **61.1037, 47.5647, 49.9320**.

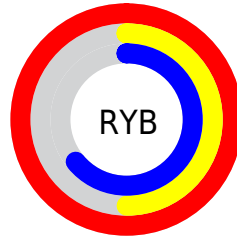
Distribution



Red (100%)

Green (50%)

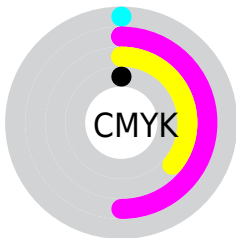
Blue (64%)



Red (100%)

Yellow (50%)

Blue (64%)

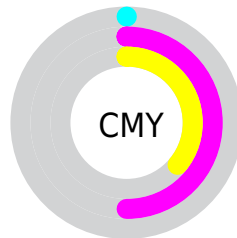


Cyan (0%)

Magenta (50%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5700, 39.3427, 39.3154 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 55.5700, 39.3427, 39.3154 by changing the saturation by 10% instead.


 55.5700, 39.3427,
39.3154


 55.5700, 39.3427,
39.3154


398.1703,
343.3453, 358.6955


 40.0939, 27.0264,
26.6955


 97.5191, 74.1616,
75.3455

 27.7963, 17.5931,
17.1142


 124.7227, 97.4329,
99.5928

 18.3118, 10.6582,
10.1531


 156.5663,
125.1248, 128.5530

 11.2751, 5.8375,
5.3937

193.4152,
157.6216, 162.6445

 6.3209, 2.7465,
2.4173

235.6346,
195.3076, 202.2860

 3.0837, 1.0009,
0.7958

283.5901,

 1.1982, 0.0000,

238.5673, 247.8960

0.0000

337.6469,
287.7851, 299.8929

■ 0.1049, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5700, 39.3427,
39.3154

■ 55.5700, 39.3427,
39.3154

■ 51.1158, 32.8926,
30.2523

■ 61.1037, 47.5647,
49.9320

■ 47.6638, 28.0766,
22.6642

■ 67.7808, 57.6709,
62.1707

■ 45.1306, 24.7460,
16.4685

■ 75.6637, 69.7715,
76.0982

■ 43.4172, 22.7222,
11.5724

■ 84.8095, 83.9661,
91.7770

■ 42.3711, 21.7212, 95.0500, 100.0000,
7.8593 108.9000

■ 42.3539, 21.7055,
7.7958

Harmonies

Analogous

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



53.6535, 39.3427, 65.4963



55.5700, 39.3427, 39.3154



52.0601, 39.3427, 21.8617

Triad

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



55.5700, 39.3427, 39.3154



29.0855, 39.3427, 15.2338



30.9784, 39.3427, 98.4609

Complementary

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



55.5700, 39.3427, 39.3154



57.5823, 81.2774, 80.3679

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.



25.7788, 39.3427, 74.1834



55.5700, 39.3427, 39.3154



24.8041, 39.3427, 26.1194

Square

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



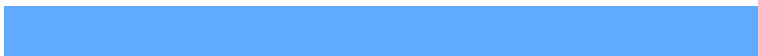
55.5700, 39.3427, 39.3154



36.1431, 39.3427, 11.6077



23.6887, 39.3427, 46.5639



38.6735, 39.3427, 106.0761

Rectangle

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



55.5700, 39.3427, 39.3154



47.3805, 39.3427, 15.4322



23.6887, 39.3427, 46.5639



28.9198, 39.3427, 91.6292

Sweetspot

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



55.5711, 39.3447, 39.3161



79.8937, 76.3190, 83.4032



54.9892, 37.7233, 98.9907



16.6952, 15.7072, 17.1544



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.



55.5711, 39.3447, 39.3161



51.0376, 32.7812, 30.0871



56.9453, 46.4357, 26.3864



18.2150, 18.0693, 19.7494



22.1845, 11.3631, 4.3561



2.2038, 1.1239, 0.6546

Inverse Universe

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



55.5711, 39.3447, 39.3161



51.0376, 32.7812, 30.0871



54.5551, 67.0136, 104.6672



18.2150, 18.0693, 19.7494



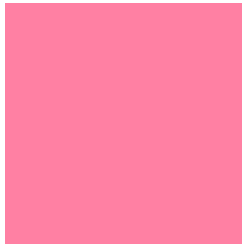
22.1845, 11.3631, 4.3561



2.2038, 1.1239, 0.6546

Previews

White Background



This preview shows how the XYZ color 55.5700, 39.3427, 39.3154 looks on a white background.

Color Contrast Check

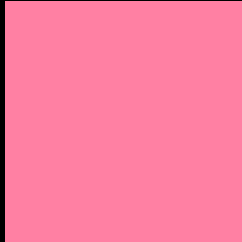
Large Text (above 18pt) WCAG AA × Fail

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 55.5700, 39.3427, 39.3154 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 55.5700, 39.3427, 39.3154

Background



This preview shows how black text looks on a background with the XYZ color 55.5700, 39.3427, 39.3154.



This preview shows how white text looks on a background with the XYZ color 55.5700, 39.3427,

39.3154.

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

55.5700, 39.3427, 39.3154

Protanopia

38.8019, 39.7659, 52.0849

Deuteranopia

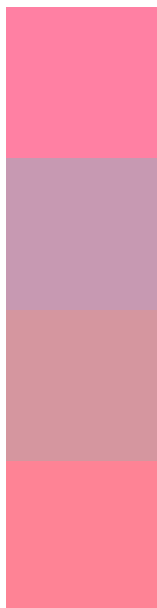
40.1693, 39.4475, 37.3953



Tritanopia

53.5670, 39.3083, 29.9633

Trichromacy



Original Color

55.5700, 39.3427, 39.3154

Protanomaly

42.9803, 38.1389, 47.2157

Deuteranomaly

44.6049, 38.4620, 37.8739

Tritanomaly

54.4142, 39.4734, 33.1849

Monochromacy



Original Color

55.5700, 39.3427, 39.3154

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.7838, 38.6502, 41.7645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5700, 39.3427, 39.3154 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, 128, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 163)  
}
```

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, 128, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 163) }
```

Border

The CSS property to change the border of an element to XYZ 55.5700, 39.3427, 39.3154 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, 128, 163) }
```


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

```
.border{ border-color:rgb(255, 128, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5700, 39.3427, 39.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 163) }
```

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

```
.background{ background-color: rgb(255,  
128, 163) }
```

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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