

Converting Colors

XYZ(57.9952, 41.2771, 38.7054)

Have a look what the booklet for
XYZ(57.9952, 41.2771, 38.7054)
contains.

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Color

**XYZ(55.7893, 40.0658,
38.5113)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF83A1 |
| RGB | 255, 131, 161 |
| RGB Percent | 100%, 51%, 63% |
| CMY | 0.0000, 0.4862, 0.3686 |
| CMYK | 0.00, 0.49, 0.37, 0.00 |
| HSL | 345°, 100%, 76% |
| HSV | 345°, 49%, 100% |
| XYZ | 55.7893, 40.0658, 38.5113 |
| YIQ | 171.4960, 64.2740, 35.6180 |

Conversions

Conversions Part 2

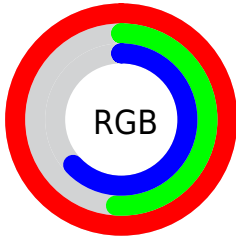
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 131, 161 |
| Decimal | 16745377 |
| CIE Lab | 69.52, 50.04, 6.00 |
| CIE LCh | 70, 50.394, 6.840 |
| Yxy | 40.0658, 0.4152, 0.2982 |
| Android (android.graphics.Color) | 4294935457 (0xFFFF83A1) |
| YUV | 171.4960, -5.1745, 73.2330 |
| Hunter-Lab | 63.2976, 46.5559, 8.2352 |

Details

The XYZ color **55.7893, 40.0658, 38.5113** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.7127, 81.7824, 83.9299**, and the grayscale version is **38.9620, 40.9910, 44.6392**.

A 20% lighter version of the original color is **71.4050, 61.7585, 73.1229**, and **27.9740, 18.0356, 16.7587** is the 20% darker color. If you saturate the color by 10%, you get **51.2011, 33.4099, 29.2114**, and if you desaturate by 10%, it is **61.4859, 48.5165, 49.4818**.

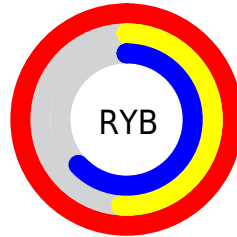
Distribution



Red (100%)

Green (51%)

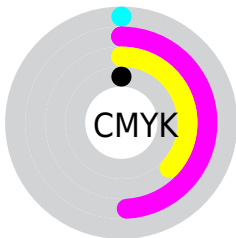
Blue (63%)



Red (100%)

Yellow (51%)

Blue (63%)

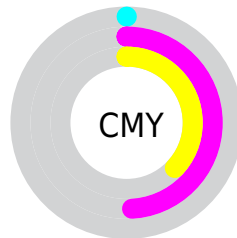


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7893, 40.0658, 38.5113 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 55.7893, 40.0658, 38.5113 by changing the saturation by 10% instead.

 55.7893, 40.0658,
38.5113


 55.7893, 40.0658,
38.5113


398.9849,
346.4008, 355.1720

 40.2704, 27.5899,
26.0749


 97.8380, 75.2637,
74.1032

 27.9345, 18.0167,
16.6534


 125.0986, 98.7544,
98.0958

 18.4165, 10.9620,
9.8283


 157.0036,
126.6856, 126.7776

 11.3509, 6.0413,
5.1812

193.9186,
159.4415, 160.5669

 6.3724, 2.8702,
2.2934

236.2089,
197.4066, 199.8825

 3.1156, 1.0643,
0.7275

284.2398,

 1.2152, 0.0000,

240.9652, 245.1429

0.0000

338.3767,
290.5018, 296.7665

■ 0.1183, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7893, 40.0658,
38.5113

■ 55.7893, 40.0658,
38.5113

■ 51.2011, 33.4099,
29.2114

■ 61.4859, 48.5165,
49.4818

■ 47.6430, 28.4119,
21.4953

■ 68.3556, 58.8734,
62.1990

■ 45.0314, 24.9252,
15.2712

■ 76.4616, 71.2462,
76.7368

■ 43.2670, 22.7741,
10.4362

■ 85.8618, 85.7343,
93.1643

■ 42.2132, 21.7102, 95.0500, 100.0000,
6.8674 108.9000

■ 42.1008, 21.6043,
6.4632

Harmonies

Analogous

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



54.3221, 40.0658, 63.6884



55.7893, 40.0658, 38.5113



51.9988, 40.0658, 21.9255

Triad

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



55.7893, 40.0658, 38.5113



29.4632, 40.0658, 16.7254



32.2629, 40.0658, 99.0286

Complementary

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



55.7893, 40.0658, 38.5113



58.7127, 81.7824, 83.9299

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.



26.8992, 40.0658, 76.3167



55.7893, 40.0658, 38.5113



25.4506, 40.0658, 28.2911

Square

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



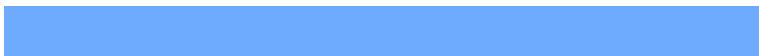
55.7893, 40.0658, 38.5113



36.2513, 40.0658, 12.5788



24.5835, 40.0658, 49.1721



39.9720, 40.0658, 104.8142

Rectangle

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



55.7893, 40.0658, 38.5113



47.2793, 40.0658, 15.8708



24.5835, 40.0658, 49.1721



30.1611, 40.0658, 92.8078

Sweetspot

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



55.7904, 40.0678, 38.5120



79.7163, 76.2481, 82.4692



56.9083, 39.3022, 99.1944



16.6529, 15.6902, 16.9317



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.



55.7904, 40.0678, 38.5120



51.4567, 33.7757, 29.7449



58.2585, 48.7415, 27.8129



18.1895, 18.0591, 19.6150



22.0471, 11.3081, 3.6327



2.1874, 1.1173, 0.5682

Inverse Universe

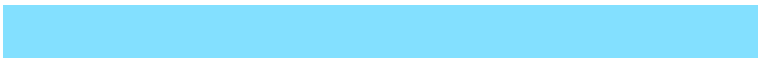
The Inverse Universe completely reimagines the original color for something new.



55.7904, 40.0678, 38.5120



51.4567, 33.7757, 29.7449



54.0674, 65.3582, 104.3734



18.1895, 18.0591, 19.6150



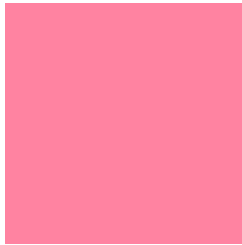
22.0471, 11.3081, 3.6327



2.1874, 1.1173, 0.5682

Previews

White Background



This preview shows how the XYZ color 55.7893, 40.0658, 38.5113 looks on a white background.

Color Contrast Check

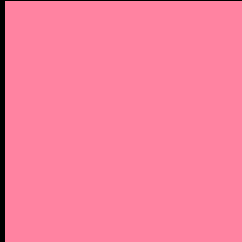
Large Text (above 18pt) WCAG AA × Fail

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 55.7893, 40.0658, 38.5113 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 55.7893, 40.0658, 38.5113

Background



This preview shows how black text looks on a background with the XYZ color 55.7893, 40.0658, 38.5113.



This preview shows how white text looks on a background with the XYZ color 55.7893, 40.0658,

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

55.7893, 40.0658, 38.5113

Protanopia

39.3128, 40.3409, 50.5143

Deuteranopia

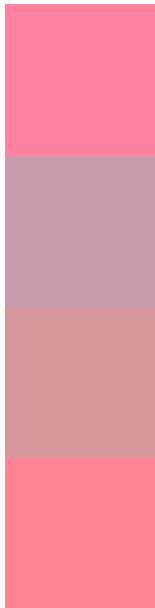
40.9301, 40.1239, 36.5978



Tritanopia

54.4322, 40.1346, 31.2634

Trichromacy



Original Color

55.7893, 40.0658, 38.5113

Protanomaly

43.5466, 38.9553, 45.7814

Deuteranomaly

45.3384, 39.3379, 37.1017

Tritanomaly

54.7656, 40.0479, 33.6977

Monochromacy



Original Color

55.7893, 40.0658, 38.5113

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.4820, 39.4977, 42.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7893, 40.0658, 38.5113 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, 131, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 161)  
}
```

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, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.7893, 40.0658, 38.5113 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, 131, 161) }
```


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

```
.border{ border-color:rgb(255, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7893, 40.0658, 38.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 161) }
```

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

```
.background{ background-color: rgb(255,  
131, 161) }
```

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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