

Converting Colors

XYZ(71.8731, 48.9412, 35.3258)

Have a look what the booklet for
XYZ(71.8731, 48.9412, 35.3258)
contains.

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Color

**XYZ(55.2950, 40.3021,
34.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8598
RGB	255, 133, 152
RGB Percent	100%, 52%, 60%
CMY	0.0000, 0.4784, 0.4039
CMYK	0.00, 0.48, 0.40, 0.00
HSL	351°, 100%, 76%
HSV	351°, 48%, 100%
XYZ	55.2950, 40.3021, 34.5705
YIQ	171.6440, 66.6130, 31.7730

Conversions

Conversions Part 2

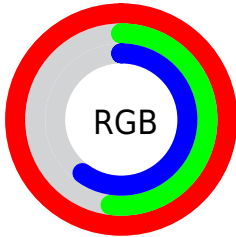
Format	Color
R _Y B	255, 133, 152
Decimal	16745880
CIE Lab	69.68, 48.07, 11.29
CIE LCh	70, 49.380, 13.217
Yxy	40.3021, 0.4248, 0.3096
Android (android.graphics.Color)	4294935960 (0xFFFF8598)
YUV	171.6440, -9.6845, 73.1032
Hunter-Lab	63.4839, 44.3780, 12.1521

Details

The XYZ color **55.2950, 40.3021, 34.5705** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5753, 82.5635, 92.1055**, and the grayscale version is **39.0579, 41.0919, 44.7491**.

A 20% lighter version of the original color is **70.3638, 61.6827, 66.5899**, and **27.6506, 18.1337, 14.3547** is the 20% darker color. If you saturate the color by 10%, you get **50.6117, 33.5059, 25.0851**, and if you desaturate by 10%, it is **61.1478, 48.9250, 46.0256**.

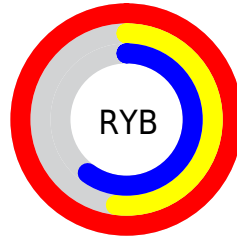
Distribution



Red (100%)

Green (52%)

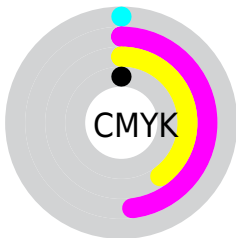
Blue (60%)



Red (100%)

Yellow (52%)

Blue (60%)

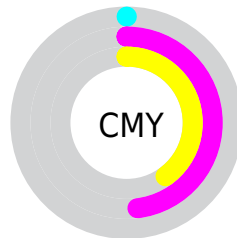


Cyan (0%)

Magenta (48%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2950, 40.3021, 34.5705 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 55.2950, 40.3021, 34.5705 by changing the saturation by 10% instead.


 55.2950, 40.3021,
34.5705


 55.2950, 40.3021,
34.5705


397.1474,
347.3952, 337.5149


 39.8727, 27.7742,
23.0513


 97.1188, 75.6233,
67.9639

 27.6231, 18.1555,
14.4257


 124.2511, 99.1854,
90.6751

 18.1807, 11.0617,
8.2752


 156.0175,
127.1943, 117.9542

 11.1803, 6.1083,
4.1813

192.7832,
160.0345, 150.2195

 6.2564, 2.9111,
1.7253

234.9138,
198.0902, 187.8898

 3.0438, 1.0855,
0.3780

282.7744,

 1.1769, 0.0000,

241.7460, 231.3834

0.0000

336.7305,
291.3862, 281.1189

■ 0.0881, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2950, 40.3021,
34.5705

■ 55.2950, 40.3021,
34.5705

■ 50.6117, 33.5059,
25.0851

■ 61.1478, 48.9250,
46.0256

■ 47.0149, 28.3986,
17.4550

■ 68.2392, 59.4870,
59.5512

■ 44.4160, 24.8326,
11.5574

■ 76.6363, 72.0989,
75.2440

■ 42.7100, 22.6323,
7.2534

■ 86.4007, 86.8611,
93.1936

■ 41.7609, 21.5640, 95.0499, 99.9999,
4.3789 108.9000

■ 41.6178, 21.4111,
3.9202

Harmonies

Analogous

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



54.9795, 40.3021, 57.8537



55.2950, 40.3021, 34.5705



50.6297, 40.3021, 20.1208

Triad

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



55.2950, 40.3021, 34.5705



28.7186, 40.3021, 18.9913



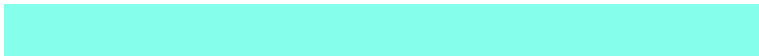
34.0385, 40.3021, 100.9313

Complementary

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



55.2950, 40.3021, 34.5705



60.5753, 82.5635, 92.1055

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.



28.1643, 40.3021, 81.4370



55.2950, 40.3021, 34.5705



25.3984, 40.3021, 32.3632

Square

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



55.2950, 40.3021, 34.5705



34.8992, 40.3021, 13.4718



25.2107, 40.3021, 54.7316



41.9274, 40.3021, 102.1712

Rectangle

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



55.2950, 40.3021, 34.5705



45.6550, 40.3021, 15.1553



25.2107, 40.3021, 54.7316



31.7912, 40.3021, 96.0525

Sweetspot

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



55.2961, 40.3042, 34.5712



80.2211, 77.5082, 81.8653



60.5899, 41.6028, 99.4442



16.7342, 15.9310, 16.7174



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.



55.2961, 40.3042, 34.5712



50.9623, 34.0101, 25.8090



60.5468, 53.0990, 29.2511



18.1246, 18.0332, 19.2735



21.7803, 11.2014, 2.2275



2.1525, 1.1034, 0.3845

Inverse Universe

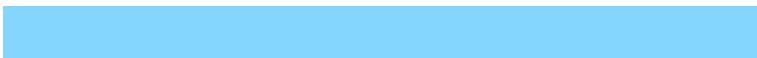
The Inverse Universe completely reimagines the original color for something new.



55.2961, 40.3042, 34.5712



50.9623, 34.0101, 25.8090



51.8557, 60.4704, 103.5464



18.1246, 18.0332, 19.2735



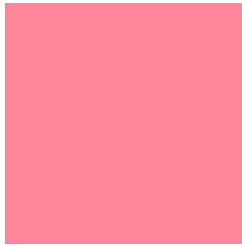
21.7803, 11.2014, 2.2275



2.1525, 1.1034, 0.3845

Previews

White Background



This preview shows how the XYZ color 55.2950, 40.3021, 34.5705 looks on a white background.

Color Contrast Check

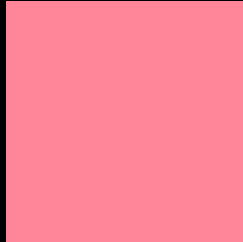
Large Text (above 18pt) WCAG AA × Fail

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 55.2950, 40.3021, 34.5705 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 55.2950, 40.3021, 34.5705

Background



This preview shows how black text looks on a background with the XYZ color 55.2950, 40.3021, 34.5705.



This preview shows how white text looks on a background with the XYZ color 55.2950, 40.3021,

34.5705.

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

55.2950, 40.3021, 34.5705

Protanopia

39.0547, 40.6122, 44.8103

Deuteranopia

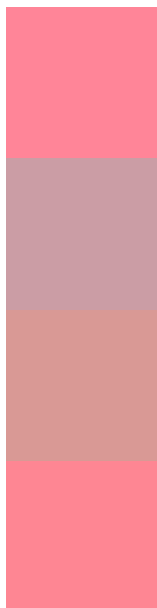
41.3069, 40.3933, 33.2233



Tritanopia

54.4322, 40.1346, 31.2634

Trichromacy



Original Color

55.2950, 40.3021, 34.5705

Protanomaly

43.4771, 39.5271, 40.9353

Deuteranomaly

45.4313, 39.7041, 33.7029

Tritanomaly

54.6646, 40.2276, 32.4873

Monochromacy



Original Color

55.2950, 40.3021, 34.5705

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.3755, 39.7269, 40.9792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2950, 40.3021, 34.5705 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, 133, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 152)  
}
```

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, 133, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 152) }
```

Border

The CSS property to change the border of an element to XYZ 55.2950, 40.3021, 34.5705 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, 133, 152) }
```


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

```
.border{ border-color:rgb(255, 133, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 133, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2950, 40.3021, 34.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 152) }
```

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

```
.background{ background-color: rgb(255,  
133, 152) }
```

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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