

Converting Colors

XYZ(55.3399, 40.7958, 33.3400)

Have a look what the booklet for
XYZ(55.3399, 40.7958, 33.3400)
contains.

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Color

**XYZ(55.3288, 40.7579,
33.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8795
RGB	255, 135, 149
RGB Percent	100%, 53%, 58%
CMY	0.0000, 0.4706, 0.4157
CMYK	0.00, 0.47, 0.42, 0.00
HSL	353°, 100%, 76%
HSV	353°, 47%, 100%
XYZ	55.3288, 40.7579, 33.3847
YIQ	172.4760, 67.0260, 29.7940

Conversions

Conversions Part 2

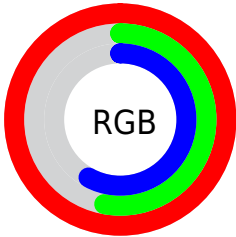
Format	Color
RYB	255, 135, 149
Decimal	16746389
CIELab	70.01, 46.77, 13.42
CIELCh	70, 48.658, 16.014
Yxy	40.7579, 0.4273, 0.3148
Android (android.graphics.Color)	4294936469 (0xFFFF8795)
YUV	172.4760, -11.5737, 72.3735
Hunter-Lab	63.8419, 42.9742, 13.6850

Details

The XYZ color **55.3288, 40.7579, 33.3847** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6310, 83.0227, 96.0008**, and the grayscale version is **39.4882, 41.5447, 45.2421**.

A 20% lighter version of the original color is **70.4329, 62.3987, 64.8318**, and **27.7276, 18.5185, 13.6683** is the 20% darker color. If you saturate the color by 10%, you get **50.5595, 33.8245, 23.7637**, and if you desaturate by 10%, it is **61.3000, 49.5383, 45.1231**.

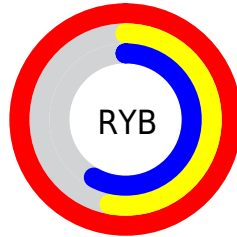
Distribution



Red (100%)

Green (53%)

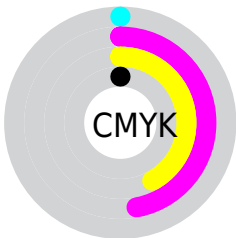
Blue (58%)



Red (100%)

Yellow (53%)

Blue (58%)

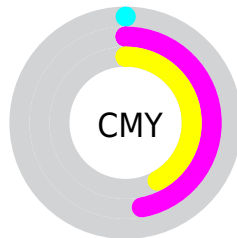


Cyan (0%)

Magenta (47%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3288, 40.7579, 33.3847 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 55.3288, 40.7579, 33.3847 by changing the saturation by 10% instead.

 55.3288, 40.7579,
33.3847


 55.3288, 40.7579,
33.3847


397.2733,
349.3077, 332.0647


 39.8999, 28.1300,
22.1478


 97.1680, 76.3162,
66.0986

 27.6444, 18.4236,
13.7662


 124.3091,
100.0154, 88.4127

 18.1968, 11.2546,
7.8213


 156.0850,
128.1738, 115.2562

 11.1919, 6.2383,
3.8947

192.8609,
161.1758, 147.0477

 6.2643, 2.9905,
1.5678

235.0024,
199.4058, 184.2058

 3.0487, 1.1268,
0.2677

282.8747,

 1.1795, 0.0007,

243.2482, 227.1489

0.0000

336.8432,
293.0874, 276.2957

■ 0.0901, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3288, 40.7579,
33.3847

■ 55.3288, 40.7579,
33.3847

■ 50.5595, 33.8245,
23.7637

■ 61.3000, 49.5383,
45.1231

■ 46.9069, 28.6002,
16.1312

■ 68.5440, 60.2784,
59.0926

■ 44.2798, 24.9380,
10.3476

■ 77.1302, 73.0890,
75.4017

■ 42.5707, 22.6628,
6.2542

■ 87.1219, 88.0709,
94.1509

■ 41.6455, 21.5526, 95.0499, 100.0000,
3.6640 108.9000

■ 41.4710, 21.3524,
3.1465

Harmonies

Analogous

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



55.5062, 40.7579, 55.7963



55.3288, 40.7579, 33.3847



50.3278, 40.7579, 19.7828

Triad

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



55.3288, 40.7579, 33.3847



28.7676, 40.7579, 20.4277



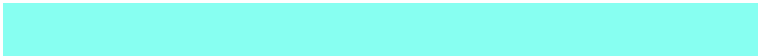
35.1682, 40.7579, 101.6999

Complementary

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



55.3288, 40.7579, 33.3847



61.6310, 83.0227, 96.0008

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.



29.0818, 40.7579, 83.8162



55.3288, 40.7579, 33.3847



25.7425, 40.7579, 34.6352

Square

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



55.3288, 40.7579, 33.3847



34.6816, 40.7579, 14.2390



25.8491, 40.7579, 57.5541



43.1015, 40.7579, 101.0060

Rectangle

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



55.3288, 40.7579, 33.3847



45.2769, 40.7579, 15.2349



25.8491, 40.7579, 57.5541



32.8632, 40.7579, 97.4541

Sweetspot

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



55.3299, 40.7600, 33.3855



80.0317, 77.4325, 80.8678



62.9909, 43.2509, 99.6359



16.6887, 15.9128, 16.4779



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.



55.3299, 40.7600, 33.3855



51.0090, 34.4736, 24.6834



62.1385, 56.0591, 30.4699



18.0955, 18.0215, 19.1201



21.6966, 11.1679, 1.7866



2.1389, 1.0979, 0.3127

Inverse Universe

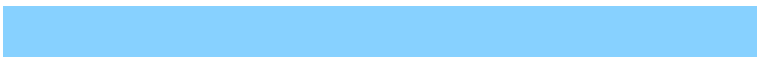
The Inverse Universe completely reimagines the original color for something new.



55.3299, 40.7600, 33.3855



51.0090, 34.4736, 24.6834



50.8440, 57.9738, 103.1179



18.0955, 18.0215, 19.1201



21.6966, 11.1679, 1.7866



2.1389, 1.0979, 0.3127

Previews

White Background



This preview shows how the XYZ color 55.3288, 40.7579, 33.3847 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 55.3288, 40.7579, 33.3847 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 55.3288, 40.7579, 33.3847

Background



This preview shows how black text looks on a background with the XYZ color 55.3288, 40.7579, 33.3847.



This preview shows how white text looks on a background with the XYZ color 55.3288, 40.7579,

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

55.3288, 40.7579, 33.3847

Protanopia

39.3100, 41.0669, 42.9006

Deuteranopia

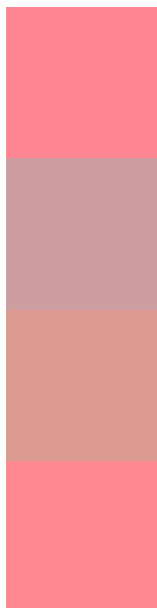
41.7779, 40.9297, 32.0838



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

55.3288, 40.7579, 33.3847

Protanomaly

43.5617, 39.8643, 39.1168

Deuteranomaly

45.9573, 40.2466, 32.5403

Tritanomaly

55.2325, 40.9436, 32.1860

Monochromacy



Original Color

55.3288, 40.7579, 33.3847

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.4561, 40.0332, 40.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3288, 40.7579, 33.3847 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, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 149)  
}
```

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, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 149) }
```

Border

The CSS property to change the border of an element to XYZ 55.3288, 40.7579, 33.3847 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, 135, 149) }
```


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

```
.border{ border-color:rgb(255, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3288, 40.7579, 33.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 149) }
```

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

```
.background{ background-color: rgb(255,  
135, 149) }
```

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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