

Converting Colors

XYZ(53.9050, 38.7062, 30.4562)

Have a look what the booklet for
XYZ(53.9050, 38.7062, 30.4562)
contains.

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Color

**XYZ(53.9171, 38.6815,
30.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	FF808F
RGB	255, 128, 143
RGB Percent	100%, 50%, 56%
CMY	0.0000, 0.4980, 0.4392
CMYK	0.00, 0.50, 0.44, 0.00
HSL	353°, 100%, 75%
HSV	353°, 50%, 100%
XYZ	53.9171, 38.6815, 30.6111
YIQ	167.6830, 70.8770, 31.5890

Conversions

Conversions Part 2

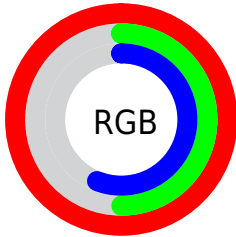
Format	Color
R_{YB}	255, 128, 143
Decimal	16744591
CIE _{Lab}	68.52, 49.59, 14.70
CIE _{LCh}	69, 51.728, 16.515
Yxy	38.6815, 0.4376, 0.3139
Android (android.graphics.Color)	4294934671 (0xFFFF808F)
YUV	167.6830, -12.1687, 76.5770
Hunter-Lab	62.1945, 45.9034, 14.3545

Details

The XYZ color **53.9171, 38.6815, 30.6111** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.3923, 82.4014, 95.1653**, and the grayscale version is **37.0986, 39.0306, 42.5044**.

A 20% lighter version of the original color is **68.2515, 59.1582, 60.6447**, and **26.6727, 17.1572, 12.2618** is the 20% darker color. If you saturate the color by 10%, you get **49.4627, 32.2313, 21.5468**, and if you desaturate by 10%, it is **59.5507, 46.9435, 41.7540**.

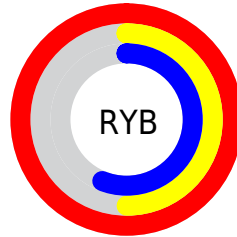
Distribution



Red (100%)

Green (50%)

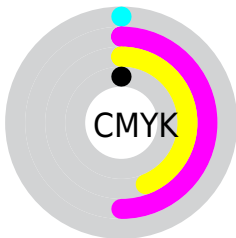
Blue (56%)



Red (100%)

Yellow (50%)

Blue (56%)

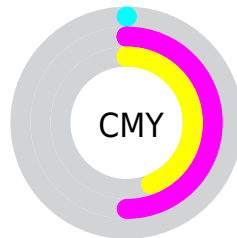


Cyan (0%)

Magenta (50%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9171, 38.6815, 30.6111 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 53.9171, 38.6815, 30.6111 by changing the saturation by 10% instead.


 53.9171, 38.6815,
30.6111


 53.9171, 38.6815,
30.6111


391.9973,
340.5345, 319.0382


 38.7658, 26.5120,
20.0469


 95.1101, 73.1515,
61.6996

 26.7575, 17.2071,
12.2447


 121.8825, 96.2208,
83.0611

 17.5268, 10.3823,
6.7860


 153.2594,
123.6923, 108.8587

 10.7084, 5.6531,
3.2522

189.6060,
155.9502, 139.5110

 5.9370, 2.6353,
1.2248

231.2878,
193.3789, 175.4366

 2.8471, 0.9445,
0.0000

278.6700,

 1.0734, 0.0000,

236.3630, 217.0539

0.0000

332.1181,
285.2867, 264.7816

■ 0.0027, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9171, 38.6815,
30.6111

■ 53.9171, 38.6815,
30.6111

■ 49.4627, 32.2313,
21.5468

■ 59.5507, 46.9435,
41.7540

■ 46.1000, 27.4511,
14.4296

■ 66.4365, 57.1332,
55.0916

■ 43.7344, 24.1876,
9.1162

■ 74.6450, 69.3640,
70.7339

■ 42.2531, 22.2565,
5.4424

■ 84.2409, 83.7386,
88.7827

■ 41.4869, 21.3676, 95.0499, 100.0000,
3.2035 108.9000

■ 41.4756, 21.3543,
3.1712

Harmonies

Analogous

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



54.1942, 38.6815, 53.4662



53.9171, 38.6815, 30.6111



48.6302, 38.6815, 17.2371

Triad

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



53.9171, 38.6815, 30.6111



26.5332, 38.6815, 18.1781



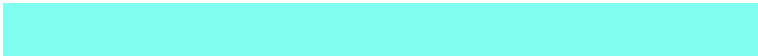
33.2332, 38.6815, 102.5201

Complementary

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



53.9171, 38.6815, 30.6111



60.3923, 82.4014, 95.1653

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.



27.0071, 38.6815, 83.7605



53.9171, 38.6815, 30.6111



23.5425, 38.6815, 32.5004

Square

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



53.9171, 38.6815, 30.6111



32.4910, 38.6815, 12.0907



23.7021, 38.6815, 56.1971



41.3995, 38.6815, 101.4134

Rectangle

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



53.9171, 38.6815, 30.6111



43.3664, 38.6815, 12.9206



23.7021, 38.6815, 56.1971



30.8711, 38.6815, 98.0997

Sweetspot

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



53.9181, 38.6835, 30.6118



79.0751, 75.9916, 79.0927



61.0527, 40.8492, 99.2745



16.5004, 15.6292, 16.1287



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.



53.9181, 38.6835, 30.6118



49.3854, 32.1204, 21.3866



60.3834, 53.3121, 27.5324



18.0966, 18.0219, 19.1258



21.6993, 11.1690, 1.8009



2.1394, 1.0981, 0.3153

Inverse Universe

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



53.9181, 38.6835, 30.6118



49.3854, 32.1204, 21.3866



49.6155, 57.1344, 103.0206



18.0966, 18.0219, 19.1258



21.6993, 11.1690, 1.8009



2.1394, 1.0981, 0.3153

Previews

White Background



This preview shows how the XYZ color 53.9171, 38.6815, 30.6111 looks on a white background.

Color Contrast Check

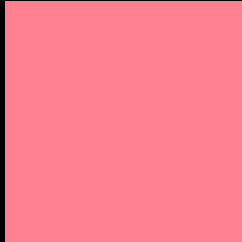
Large Text (above 18pt) WCAG AA × Fail

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 53.9171, 38.6815, 30.6111 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 53.9171, 38.6815, 30.6111

Background



This preview shows how black text looks on a background with the XYZ color 53.9171, 38.6815, 30.6111.



This preview shows how white text looks on a background with the XYZ color 53.9171, 38.6815,

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

53.9171, 38.6815, 30.6111

Protanopia

37.2242, 38.9397, 40.2045

Deuteranopia

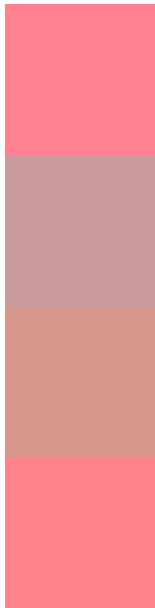
39.5084, 38.7652, 29.0670



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.9171, 38.6815, 30.6111

Protanomaly

41.7491, 37.7393, 36.5365

Deuteranomaly

43.7265, 37.9579, 29.4481

Tritanomaly

53.8239, 38.8540, 29.4737

Monochromacy



Original Color

53.9171, 38.6815, 30.6111

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.4687, 37.5650, 37.8660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9171, 38.6815, 30.6111 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.9171, 38.6815, 30.6111 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, 143) }
```


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

```
.border{ border-color:rgb(255, 128, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9171, 38.6815, 30.6111 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
128, 143) }
```

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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