

Converting Colors

XYZ(53.3377, 38.5590, 27.2233)

Have a look what the booklet for
XYZ(53.3377, 38.5590, 27.2233)
contains.

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Color

**XYZ(53.3933, 38.6817,
27.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8186
RGB	255, 129, 134
RGB Percent	100%, 51%, 53%
CMY	0.0000, 0.4941, 0.4745
CMYK	0.00, 0.49, 0.47, 0.00
HSL	358°, 100%, 75%
HSV	358°, 49%, 100%
XYZ	53.3933, 38.6817, 27.2064
YIQ	167.2440, 73.4910, 28.2670

Conversions

Conversions Part 2

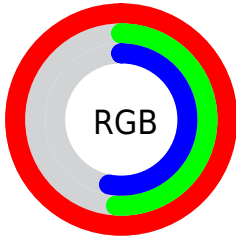
Format	Color
R_{YB}	255, 129, 134
Decimal	16744838
CIE _{Lab}	68.52, 48.25, 19.75
CIE _{LCh}	69, 52.136, 22.266
Yxy	38.6817, 0.4476, 0.3243
Android (android.graphics.Color)	4294934918 (0xFFFF8186)
YUV	167.2440, -16.3893, 76.9620
Hunter-Lab	62.1946, 44.3994, 17.6004

Details

The XYZ color **53.3933, 38.6817, 27.2064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0706, 83.0900, 103.2143**, and the grayscale version is **36.9030, 38.8248, 42.2802**.

A 20% lighter version of the original color is **67.3501, 59.1288, 54.8770**, and **26.4039, 17.1574, 10.5144** is the 20% darker color. If you saturate the color by 10%, you get **48.9287, 32.1769, 18.2447**, and if you desaturate by 10%, it is **59.0933, 47.0246, 38.5315**.

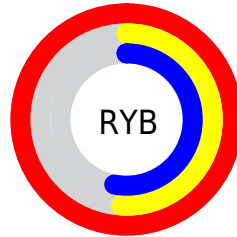
Distribution



Red (100%)

Green (51%)

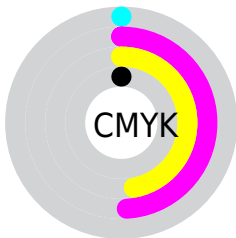
Blue (53%)



Red (100%)

Yellow (51%)

Blue (53%)

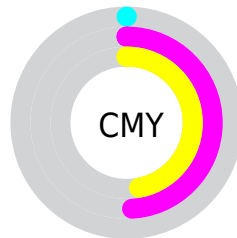


Cyan (0%)

Magenta (49%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3933, 38.6817, 27.2064 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 53.3933, 38.6817, 27.2064 by changing the saturation by 10% instead.


 53.3933, 38.6817,
27.2064


 53.3933, 38.6817,
27.2064


390.0284,
340.5353, 302.4468


 38.3456, 26.5122,
17.4945


 94.3450, 73.1518,
56.2227

 26.4294, 17.2072,
10.4220


 120.9796, 96.2212,
76.3641

 17.2795, 10.3823,
5.5704


 152.2073,
123.6927, 100.8191

 10.5305, 5.6532,
2.5211

188.3934,
155.9507, 130.0062

 5.8171, 2.6354,
0.8513

229.9031,
193.3795, 164.3440

 2.7738, 0.9445,
0.0000

277.1020,

 1.0353, 0.0000,

236.3637, 204.2510

0.0000

330.3553,
285.2875, 250.1458

■ 0.0000, 0.0000,
0.0000

■ 53.3933, 38.6817,
27.2064

■ 53.3933, 38.6817,
27.2064

■ 48.9287, 32.1769,
18.2447

■ 59.0933, 47.0246,
38.5315

■ 45.6054, 27.3660,
11.4775

■ 66.1078, 57.3236,
52.3689

■ 43.3204, 24.0934,
6.7164

■ 74.5127, 69.6938,
68.8575

■ 41.9511, 22.1718,
3.7411

■ 84.3775, 84.2398,
88.1256

■ 41.3199, 21.3181,
2.2707

95.0499, 99.9999,
108.9000

■ 41.2952, 21.2821,
2.2216

Harmonies

Analogous

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



54.7295, 38.6817, 48.4992



53.3933, 38.6817, 27.2064



47.2967, 38.6817, 15.5283

Triad

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



53.3933, 38.6817, 27.2064



25.6421, 38.6817, 20.0674



34.6822, 38.6817, 104.6689

Complementary

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



53.3933, 38.6817, 27.2064



62.0706, 83.0900, 103.2143

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.



27.9270, 38.6817, 88.9385



53.3933, 38.6817, 27.2064



23.2381, 38.6817, 36.3222

Square

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



53.3933, 38.6817, 27.2064



31.1035, 38.6817, 12.6055



24.0075, 38.6817, 61.6730



43.0767, 38.6817, 99.3326

Rectangle

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



53.3933, 38.6817, 27.2064



41.7864, 38.6817, 12.0664



24.0075, 38.6817, 61.6730



32.1643, 38.6817, 101.5143

Sweetspot

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



53.3943, 38.6837, 27.2071



78.6782, 75.8328, 77.0027



64.8613, 43.0072, 99.4901



16.4064, 15.5916, 15.6335



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.



53.3943, 38.6837, 27.2071



49.0883, 32.4087, 18.5669



62.6995, 57.8384, 28.6308



18.0385, 17.9987, 18.8202



21.5903, 11.1254, 1.2271



2.1120, 1.0872, 0.1711

Inverse Universe

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



53.3943, 38.6837, 27.2071



49.0883, 32.4087, 18.5669



47.3678, 52.4146, 102.2280



18.0385, 17.9987, 18.8202



21.5903, 11.1254, 1.2271



2.1120, 1.0872, 0.1711

Previews

White Background



This preview shows how the XYZ color 53.3933, 38.6817, 27.2064 looks on a white background.

Color Contrast Check

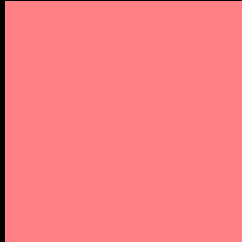
Large Text (above 18pt) WCAG AA × Fail

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 53.3933, 38.6817, 27.2064 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 53.3933, 38.6817, 27.2064

Background



This preview shows how black text looks on a background with the XYZ color 53.3933, 38.6817, 27.2064.



This preview shows how white text looks on a background with the XYZ color 53.3933, 38.6817,

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

53.3933, 38.6817, 27.2064

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

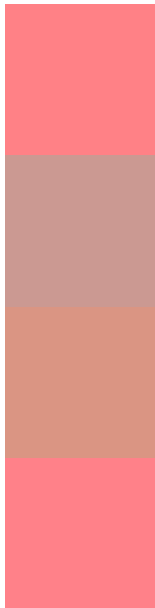
39.7333, 38.9450, 26.1919



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.3933, 38.6817, 27.2064

Protanomaly

41.2081, 37.5543, 32.2709

Deuteranomaly

43.7576, 38.0390, 26.5087

Tritanomaly

53.6056, 38.7667, 28.3243

Monochromacy



Original Color

53.3933, 38.6817, 27.2064

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.8608, 37.2911, 36.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3933, 38.6817, 27.2064 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, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 134)  
}
```

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, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 134) }
```

Border

The CSS property to change the border of an element to XYZ 53.3933, 38.6817, 27.2064 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, 129, 134) }
```


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

```
.border{ border-color:rgb(255, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 134); box-shadow:4px 4px 4px 4px rgb(255, 129, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3933, 38.6817, 27.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 134) }
```

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

```
.background{ background-color: rgb(255,  
129, 134) }
```

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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