

Converting Colors

XYZ(76.5346, 50.6373, 28.5762)

Have a look what the booklet for
XYZ(76.5346, 50.6373, 28.5762)
contains.

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Color

**XYZ(53.4634, 38.7098,
27.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8187
RGB	255, 129, 135
RGB Percent	100%, 51%, 53%
CMY	0.0000, 0.4941, 0.4706
CMYK	0.00, 0.49, 0.47, 0.00
HSL	357°, 100%, 75%
HSV	357°, 49%, 100%
XYZ	53.4634, 38.7098, 27.5756
YIQ	167.3580, 73.1700, 28.5780

Conversions

Conversions Part 2

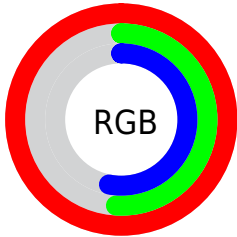
Format	Color
RYB	255, 129, 135
Decimal	16744839
CIELab	68.54, 48.34, 19.22
CIELCh	69, 52.022, 21.685
Yxy	38.7098, 0.4465, 0.3233
Android (android.graphics.Color)	4294934919 (0xFFFF8187)
YUV	167.3580, -15.9525, 76.8620
Hunter-Lab	62.2172, 44.5054, 17.2738

Details

The XYZ color **53.4634, 38.7098, 27.5756** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9142, 83.0274, 102.3905**, and the grayscale version is **36.9568, 38.8814, 42.3419**.

A 20% lighter version of the original color is **67.4576, 59.1718, 55.4429**, and **26.4039, 17.1574, 10.5144** is the 20% darker color. If you saturate the color by 10%, you get **48.9943, 32.2032, 18.5901**, and if you desaturate by 10%, it is **59.1625, 47.0523, 38.8959**.

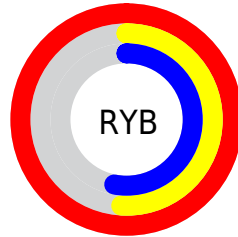
Distribution



Red (100%)

Green (51%)

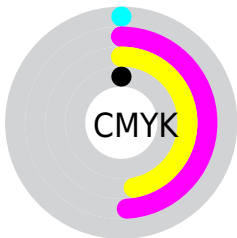
Blue (53%)



Red (100%)

Yellow (51%)

Blue (53%)

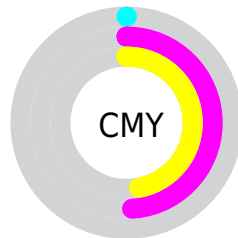


Cyan (0%)

Magenta (49%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4634, 38.7098, 27.5756 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 53.4634, 38.7098, 27.5756 by changing the saturation by 10% instead.


 53.4634, 38.7098,
27.5756


 53.4634, 38.7098,
27.5756


390.2923,
340.6551, 304.2813


 38.4018, 26.5340,
17.7697


 94.4474, 73.1948,
56.8211

 26.4733, 17.2236,
10.6171


 121.1006, 96.2728,
77.0978

 17.3126, 10.3940,
5.6991

 152.3482,
123.7537, 101.7018

 10.5543, 5.6610,
2.5972

188.5558,
156.0219, 131.0517

 5.8331, 2.6401,
0.8910

230.0887,
193.4617, 165.5661

 2.7835, 0.9468,
0.0000

277.3121,

 1.0403, 0.0000,

236.4576, 205.6635

0.0000

330.5915,
285.3939, 251.7623

■ 0.0000, 0.0000,
0.0000

■ 53.4634, 38.7098,
27.5756

■ 53.4634, 38.7098,
27.5756

■ 48.9943, 32.2032,
18.5901

■ 59.1625, 47.0523,
38.8959

■ 45.6618, 27.3886,
11.7745

■ 66.1699, 57.3485,
52.6960

■ 43.3640, 24.1108,
6.9459


■ 74.5610, 69.7132,
69.1117

■ 41.9794, 22.1831,
3.8905

■ 84.4046, 84.2507,
88.2684

■ 41.3326, 21.3232,
2.3375

95.0498, 99.9999,
108.9000

 41.3070, 21.2868,
2.2836

Harmonies

Analogous

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



54.6908, 38.7098, 49.0175



53.4634, 38.7098, 27.5756



47.4523, 38.7098, 15.7297

Triad

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



53.4634, 38.7098, 27.5756



25.7620, 38.7098, 19.9036



34.5604, 38.7098, 104.4291

Complementary

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



53.4634, 38.7098, 27.5756



61.9142, 83.0274, 102.3905

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.



27.8621, 38.7098, 88.3982



53.4634, 38.7098, 27.5756



23.2993, 38.7098, 35.9530

Square

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



53.4634, 38.7098, 27.5756



31.2717, 38.7098, 12.5834



24.0065, 38.7098, 61.1193



42.9275, 38.7098, 99.5287

Rectangle

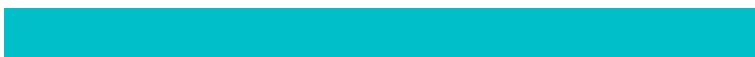
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4634, 38.7098, 27.5756



41.9697, 38.7098, 12.1823



24.0065, 38.7098, 61.1193



32.0596, 38.7098, 101.1469

Sweetspot

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



53.4644, 38.7118, 27.5763



78.7180, 75.8487, 77.2124



64.8613, 43.0072, 99.4900



16.4158, 15.5954, 15.6832



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.



53.4644, 38.7118, 27.5763



49.1542, 32.4350, 18.9136



62.6995, 57.8384, 28.6309



18.0444, 18.0011, 18.8509



21.5986, 11.1287, 1.2709



2.1147, 1.0883, 0.1857

Inverse Universe

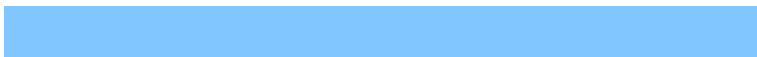
The Inverse Universe completely reimagines the original color for something new.



53.4644, 38.7118, 27.5763



49.1542, 32.4350, 18.9136



47.3679, 52.4147, 102.2279



18.0444, 18.0011, 18.8509



21.5986, 11.1287, 1.2709



2.1147, 1.0883, 0.1857

Previews

White Background



This preview shows how the XYZ color 53.4634, 38.7098, 27.5756 looks on a white background.

Color Contrast Check

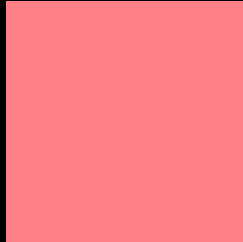
Large Text (above 18pt) WCAG AA × Fail

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 53.4634, 38.7098, 27.5756 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 53.4634, 38.7098, 27.5756

Background



This preview shows how black text looks on a background with the XYZ color 53.4634, 38.7098, 27.5756.



This preview shows how white text looks on a background with the XYZ color 53.4634, 38.7098,

27.5756.

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

53.4634, 38.7098, 27.5756

Protanopia

37.1070, 38.9692, 36.1379

Deuteranopia

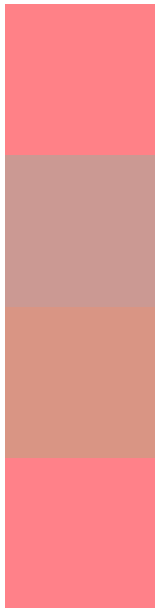
39.5391, 38.8372, 26.5315



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.4634, 38.7098, 27.5756

Protanomaly

41.2863, 37.5856, 32.6825

Deuteranomaly

43.5276, 37.9125, 26.8535

Tritanomaly

53.6056, 38.7667, 28.3243

Monochromacy



Original Color

53.4634, 38.7098, 27.5756

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 53.4634, 38.7098, 27.5756 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 135) }
```

Border

The CSS property to change the border of an element to XYZ 53.4634, 38.7098, 27.5756 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, 135) }
```


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

```
.border{ border-color:rgb(255, 129, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4634, 38.7098, 27.5756 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
129, 135) }
```

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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