

Converting Colors

XYZ(63.2293, 43.9577, 27.7176)

Have a look what the booklet for
XYZ(63.2293, 43.9577, 27.7176)
contains.

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Color

**XYZ(53.5257, 38.9465,
27.2506)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8286 |
| RGB | 255, 130, 134 |
| RGB Percent | 100%, 51%, 53% |
| CMY | 0.0000, 0.4902, 0.4745 |
| CMYK | 0.00, 0.49, 0.47, 0.00 |
| HSL | 358°, 100%, 75% |
| HSV | 358°, 49%, 100% |
| XYZ | 53.5257, 38.9465, 27.2506 |
| YIQ | 167.8310, 73.2160, 27.7440 |

Conversions

Conversions Part 2

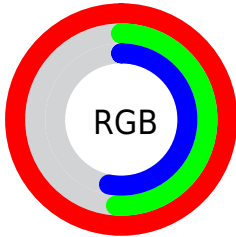
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 130, 134 |
| Decimal | 16745094 |
| CIE Lab | 68.71, 47.76, 20.02 |
| CIE LCh | 69, 51.785, 22.740 |
| Yxy | 38.9465, 0.4471, 0.3253 |
| Android (android.graphics.Color) | 4294935174 (0xFFFF8286) |
| YUV | 167.8310, -16.6787, 76.4472 |
| Hunter-Lab | 62.4071, 43.8844, 17.7955 |

Details

The XYZ color **53.5257, 38.9465, 27.2506** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3806, 83.2316, 104.0495**, and the grayscale version is **37.1918, 39.1287, 42.6111**.

A 20% lighter version of the original color is **67.5586, 59.5458, 54.9465**, and **26.4723, 17.2941, 10.5372** is the 20% darker color. If you saturate the color by 10%, you get **49.0188, 32.3740, 18.2225**, and if you desaturate by 10%, it is **59.2767, 47.3643, 38.6764**.

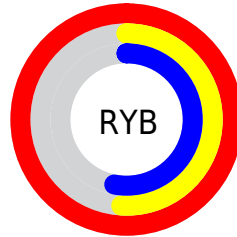
Distribution



Red (100%)

Green (51%)

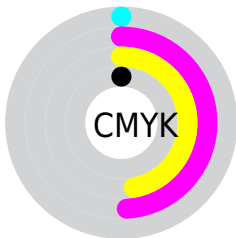
Blue (53%)



Red (100%)

Yellow (51%)

Blue (53%)

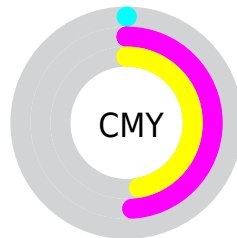


Cyan (0%)

Magenta (49%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5257, 38.9465, 27.2506 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 53.5257, 38.9465, 27.2506 by changing the saturation by 10% instead.


 53.5257, 38.9465,
27.2506


 53.5257, 38.9465,
27.2506


390.5267,
341.6630, 302.6669


 38.4518, 26.7181,
17.5274

 94.5385, 73.5566,
56.2944

 26.5123, 17.3616,
10.4453


 121.2080, 96.7071,
76.4520

 17.3420, 10.4927,
5.5858


 152.4734,
124.2670, 100.9249

 10.5754, 5.7268,
2.5302

188.7001,
156.6209, 130.1316

 5.8473, 2.6797,
0.8561

230.2535,
194.1530, 164.4906

 2.7922, 0.9669,
0.0000

277.4988,

 1.0449, 0.0000,

237.2478, 204.4204

0.0000

330.8014,
286.2897, 250.3397

■ 0.0000, 0.0000,
0.0000

■ 53.5257, 38.9465,
27.2506

■ 53.5257, 38.9465,
27.2506

■ 49.0188, 32.3740,
18.2225

■ 59.2767, 47.3643,
38.6764

■ 45.6615, 27.5030,
11.4196

■ 66.3513, 57.7452,
52.6517

■ 43.3504, 24.1784,
6.6495

■ 74.8258, 70.2043,
69.3183

■ 41.9626, 22.2137,
3.6864

■ 84.7698, 84.8459,
88.8069

■ 41.3251, 21.3376,
2.2443

95.0499, 99.9999,
108.9000

■ 41.2845, 21.2778,
2.1650

Harmonies

Analogous

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



54.9421, 38.9465, 48.3652



53.5257, 38.9465, 27.2506



47.3950, 38.9465, 15.6839

Triad

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



53.5257, 38.9465, 27.2506



25.8439, 38.9465, 20.5402



35.0627, 38.9465, 104.7331

Complementary

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



53.5257, 38.9465, 27.2506



62.3806, 83.2316, 104.0495

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.



28.2774, 38.9465, 89.3898



53.5257, 38.9465, 27.2506



23.4889, 38.9465, 36.9578

Square

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



53.5257, 38.9465, 27.2506



31.2570, 38.9465, 12.9265



24.3091, 38.9465, 62.3411



43.4455, 38.9465, 99.0917

Rectangle

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



53.5257, 38.9465, 27.2506



41.8899, 38.9465, 12.2698



24.3091, 38.9465, 62.3411



32.5384, 38.9465, 101.7121

Sweetspot

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



53.5267, 38.9485, 27.2513



78.6397, 75.8174, 76.7999



65.7572, 43.6656, 99.5699



16.3973, 15.5880, 15.5856



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.



53.5267, 38.9485, 27.2513



49.0254, 32.3835, 18.2356



63.3250, 58.9826, 29.1690



18.0329, 17.9965, 18.7904



21.5823, 11.1222, 1.1847



2.1093, 1.0861, 0.1570

Inverse Universe

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



53.5267, 38.9485, 27.2513



49.0254, 32.3835, 18.2356



47.1485, 51.7493, 102.1111



18.0329, 17.9965, 18.7904



21.5823, 11.1222, 1.1847



2.1093, 1.0861, 0.1570

Previews

White Background



This preview shows how the XYZ color 53.5257, 38.9465, 27.2506 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 53.5257, 38.9465, 27.2506 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 53.5257, 38.9465, 27.2506

Background



This preview shows how black text looks on a background with the XYZ color 53.5257, 38.9465, 27.2506.



This preview shows how white text looks on a background with the XYZ color 53.5257, 38.9465,

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

53.5257, 38.9465, 27.2506

Protanopia

37.1654, 39.0184, 35.2782

Deuteranopia

39.7333, 38.9450, 26.1919



Tritanopia

53.8828, 39.0893, 29.1312

Trichromacy



Original Color

53.5257, 38.9465, 27.2506

Protanomaly

41.5683, 37.9929, 31.9305

Deuteranomaly

43.9165, 38.3568, 26.5617

Tritanomaly

53.7380, 39.0314, 28.3684

Monochromacy



Original Color

53.5257, 38.9465, 27.2506

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.3758, 37.7909, 36.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5257, 38.9465, 27.2506 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, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 134) }
```

Border

The CSS property to change the border of an element to XYZ 53.5257, 38.9465, 27.2506 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, 130, 134) }
```


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

```
.border{ border-color:rgb(255, 130, 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, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5257, 38.9465, 27.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 134) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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