

Converting Colors

XYZ(53.8024, 39.0646, 27.0551)

Have a look what the booklet for
XYZ(53.8024, 39.0646, 27.0551)
contains.

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Color

**XYZ(53.4563, 38.9187,
26.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8285
RGB	255, 130, 133
RGB Percent	100%, 51%, 52%
CMY	0.0000, 0.4902, 0.4784
CMYK	0.00, 0.49, 0.48, 0.00
HSL	359°, 100%, 75%
HSV	359°, 49%, 100%
XYZ	53.4563, 38.9187, 26.8849
YIQ	167.7170, 73.5370, 27.4330

Conversions

Conversions Part 2

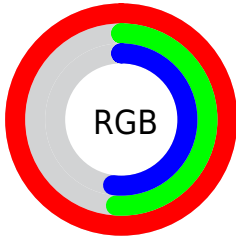
Format	Color
R_{YB}	255, 130, 133
Decimal	16745093
CIE _{Lab}	68.69, 47.67, 20.55
CIE _{LCh}	69, 51.909, 23.321
Yxy	38.9187, 0.4482, 0.3263
Android (android.graphics.Color)	4294935173 (0xFFFF8285)
YUV	167.7170, -17.1155, 76.5472
Hunter-Lab	62.3849, 43.7795, 18.1182

Details

The XYZ color **53.4563, 38.9187, 26.8849** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5387, 83.2950, 104.8822**, and the grayscale version is **37.1378, 39.0719, 42.5493**.

A 20% lighter version of the original color is **67.4519, 59.5031, 54.3845**, and **26.4328, 17.2783, 10.3294** is the 20% darker color. If you saturate the color by 10%, you get **48.9542, 32.3482, 17.8822**, and if you desaturate by 10%, it is **59.2080, 47.3368, 38.3146**.

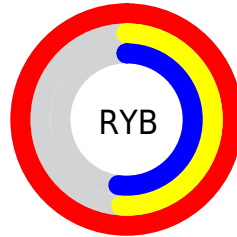
Distribution



Red (100%)

Green (51%)

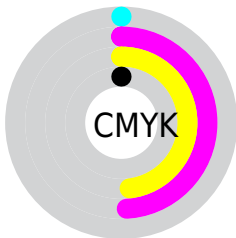
Blue (52%)



Red (100%)

Yellow (51%)

Blue (52%)

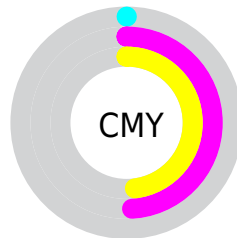


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4563, 38.9187, 26.8849 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 53.4563, 38.9187, 26.8849 by changing the saturation by 10% instead.


 53.4563, 38.9187,
26.8849


 53.4563, 38.9187,
26.8849


390.2656,
341.5447, 300.8419


 38.3961, 26.6965,
17.2551


 94.4371, 73.5141,
55.7006

 26.4689, 17.3454,
10.2527


 121.0883, 96.6561,
75.7236

 17.3092, 10.4811,
5.4590

 152.3340,
124.2068, 100.0481

 10.5519, 5.7191,
2.4556

188.5394,
156.5506, 129.0927

 5.8314, 2.6750,
0.8165

230.0699,
194.0719, 163.2758

 2.7825, 0.9645,
0.0000

277.2908,

 1.0398, 0.0000,

237.1551, 203.0160

0.0000

330.5676,
286.1845, 248.7318

■ 0.0000, 0.0000,
0.0000

■ 53.4563, 38.9187,
26.8849

■ 53.4563, 38.9187,
26.8849

■ 48.9542, 32.3482,
17.8822

■ 59.2080, 47.3368,
38.3146

■ 45.6064, 27.4810,
11.1294

■ 66.2897, 57.7205,
52.3269

■ 43.3085, 24.1616,
6.4286

■ 74.7781, 70.1851,
69.0670

■ 41.9361, 22.2031,
3.5470

■ 84.7436, 84.8354,
88.6687

■ 41.3140, 21.3332,
2.1859

95.0499, 100.0000,
108.9000

■ 41.2734, 21.2734,
2.1062

Harmonies

Analogous

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



54.9815, 38.9187, 47.8527



53.4563, 38.9187, 26.8849



47.2402, 38.9187, 15.4831

Triad

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



53.4563, 38.9187, 26.8849



25.7241, 38.9187, 20.7074



35.1858, 38.9187, 104.9746

Complementary

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



53.4563, 38.9187, 26.8849



62.5387, 83.2950, 104.8822

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.



28.3431, 38.9187, 89.9347



53.4563, 38.9187, 26.8849



23.4276, 38.9187, 37.3337

Square

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



53.4563, 38.9187, 26.8849



31.0892, 38.9187, 12.9490



24.3102, 38.9187, 62.9023



43.5962, 38.9187, 98.8980

Rectangle

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



53.4563, 38.9187, 26.8849



41.7075, 38.9187, 12.1535



24.3102, 38.9187, 62.9023



32.6443, 38.9187, 102.0820

Sweetspot

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



53.4573, 38.9207, 26.8856



78.5997, 75.8014, 76.5893



65.7573, 43.6656, 99.5701



16.3878, 15.5842, 15.5358



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.



53.4573, 38.9207, 26.8856



48.9608, 32.3577, 17.8953



63.3251, 58.9826, 29.1689



18.0270, 17.9941, 18.7594



21.5739, 11.1188, 1.1406



2.1065, 1.0850, 0.1422

Inverse Universe

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



53.4573, 38.9207, 26.8856



48.9608, 32.3577, 17.8953



47.1485, 51.7493, 102.1112



18.0270, 17.9941, 18.7594



21.5739, 11.1188, 1.1406



2.1065, 1.0850, 0.1422

Previews

White Background



This preview shows how the XYZ color 53.4563, 38.9187, 26.8849 looks on a white background.

Color Contrast Check

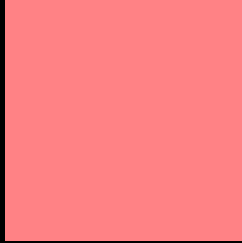
Large Text (above 18pt) WCAG AA × Fail

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 53.4563, 38.9187, 26.8849 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 53.4563, 38.9187, 26.8849

Background



This preview shows how black text looks on a background with the XYZ color 53.4563, 38.9187, 26.8849.



This preview shows how white text looks on a background with the XYZ color 53.4563, 38.9187,

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

53.4563, 38.9187, 26.8849

Protanopia

37.0838, 38.9858, 34.8486

Deuteranopia

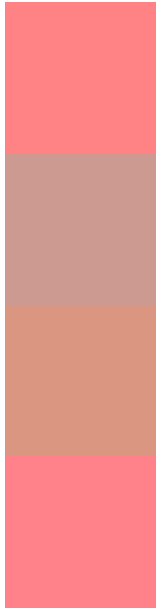
39.9299, 39.0540, 25.8557



Tritanopia

53.7505, 38.8246, 29.0870

Trichromacy



Original Color

53.4563, 38.9187, 26.8849

Protanomaly

41.4915, 37.9622, 31.5262

Deuteranomaly

44.1490, 38.4845, 26.2204

Tritanomaly

53.6056, 38.7667, 28.3243

Monochromacy



Original Color

53.4563, 38.9187, 26.8849

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.2914, 37.7571, 36.1219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4563, 38.9187, 26.8849 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 133) }
```

Border

The CSS property to change the border of an element to XYZ 53.4563, 38.9187, 26.8849 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, 133) }
```


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

```
.border{ border-color:rgb(255, 130, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4563, 38.9187, 26.8849 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
130, 133) }
```

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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