

Converting Colors

XYZ(52.9549, 38.1925, 25.8652)

Have a look what the booklet for
XYZ(52.9549, 38.1925, 25.8652)
contains.

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Color

**XYZ(52.9884, 38.3100,
25.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8082
RGB	255, 128, 130
RGB Percent	100%, 50%, 51%
CMY	0.0000, 0.4980, 0.4902
CMYK	0.00, 0.50, 0.49, 0.00
HSL	359°, 100%, 75%
HSV	359°, 50%, 100%
XYZ	52.9884, 38.3100, 25.7209
YIQ	166.2010, 75.0500, 27.5460

Conversions

Conversions Part 2

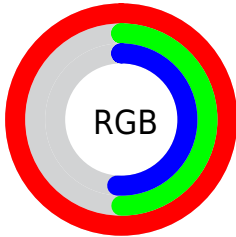
Format	Color
R _Y B	255, 128, 130
Decimal	16744578
CIE Lab	68.25, 48.37, 21.62
CIE LCh	68, 52.986, 24.083
Yxy	38.3100, 0.4528, 0.3274
Android (android.graphics.Color)	4294934658 (0xFFFF8082)
YUV	166.2010, -17.8471, 77.8767
Hunter-Lab	61.8951, 44.4976, 18.6882

Details

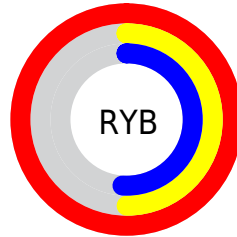
The XYZ color **52.9884, 38.3100, 25.7209** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3937, 83.2018, 105.7047**, and the grayscale version is **36.4021, 38.2978, 41.7063**.

A 20% lighter version of the original color is **66.7207, 58.5459, 52.5837**, and **26.1821, 16.9610, 9.6784** is the 20% darker color. If you saturate the color by 10%, you get **48.5860, 31.8807, 16.9309**, and if you desaturate by 10%, it is **58.6392, 46.5789, 36.9547**.

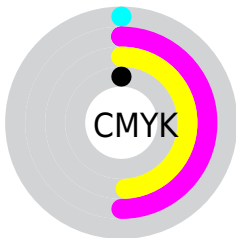
Distribution



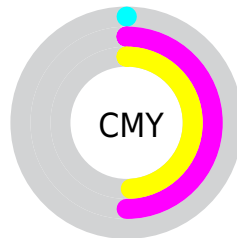
- Red (100%)
- Green (50%)
- Blue (51%)



- Red (100%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9884, 38.3100, 25.7209 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 52.9884, 38.3100, 25.7209 by changing the saturation by 10% instead.


 52.9884, 38.3100,
25.7209


 52.9884, 38.3100,
25.7209


388.5022,
338.9479, 294.9711


 38.0210, 26.2234,
16.3911

 93.7529, 72.5830,
53.8029

 26.1762, 16.9908,
9.6440


 120.2807, 95.5382,
73.3921

 17.0889, 10.2279,
5.0610


 151.3927,
122.8851, 97.2383

 10.3936, 5.5504,
2.2238

187.4541,
155.0080, 125.7598

 5.7250, 2.5737,
0.6880

228.8305,
192.2913, 159.3753

 2.7176, 0.9134,
0.0000

275.8870,

 1.0063, 0.0000,

235.1195, 198.5033

0.0000

328.9891,
283.8769, 243.5624

■ 0.0000, 0.0000,
0.0000

■ 52.9884, 38.3100,
25.7209

■ 52.9884, 38.3100,
25.7209

■ 48.5860, 31.8807,
16.9309

■ 58.6392, 46.5789,
36.9547

■ 45.3349, 27.1450,
10.4012

■ 65.6201, 56.8066,
50.7934

■ 43.1285, 23.9452,
5.9259

■ 74.0093, 69.1096,
67.3865

■ 41.8387, 22.0908,
3.2606

■ 83.8779, 83.5934,
86.8719

■ 41.2700, 21.2808,
2.0617

95.0499, 99.9999,
108.9000

■ 41.2618, 21.2687,
2.0455

Harmonies

Analogous

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



54.6787, 38.3100, 46.5976



52.9884, 38.3100, 25.7209



46.5855, 38.3100, 14.5902

Triad

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



52.9884, 38.3100, 25.7209



24.9693, 38.3100, 20.2569



34.7941, 38.3100, 105.5844

Complementary

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



52.9884, 38.3100, 25.7209



62.3937, 83.2018, 105.7047

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.



27.8401, 38.3100, 90.6788



52.9884, 38.3100, 25.7209



22.7481, 38.3100, 37.1824

Square

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



52.9884, 38.3100, 25.7209



30.2880, 38.3100, 12.3767



23.7134, 38.3100, 63.2507



43.3116, 38.3100, 98.8064

Rectangle

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



52.9884, 38.3100, 25.7209



40.9608, 38.3100, 11.4137



23.7134, 38.3100, 63.2507



32.2140, 38.3100, 102.8103

Sweetspot

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



52.9894, 38.3120, 25.7216



78.5585, 75.7849, 76.3723



66.2356, 43.5210, 99.5168



16.3781, 15.5803, 15.4845



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.



52.9894, 38.3120, 25.7216



48.5105, 31.7704, 16.7794



63.4176, 59.3806, 28.5439



18.0210, 17.9917, 18.7276



21.5652, 11.1154, 1.0951



2.1036, 1.0838, 0.1271

Inverse Universe

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



52.9894, 38.3120, 25.7216



48.5105, 31.7704, 16.7794



46.1605, 50.2245, 101.8688



18.0210, 17.9917, 18.7276



21.5652, 11.1154, 1.0951



2.1036, 1.0838, 0.1271

Previews

White Background



This preview shows how the XYZ color 52.9884, 38.3100, 25.7209 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 52.9884, 38.3100, 25.7209 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 52.9884, 38.3100, 25.7209

Background



This preview shows how black text looks on a background with the XYZ color 52.9884, 38.3100, 25.7209.



This preview shows how white text looks on a background with the XYZ color 52.9884, 38.3100,

25.7209.

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

52.9884, 38.3100, 25.7209

Protanopia

36.4371, 38.4092, 33.5103

Deuteranopia

39.2984, 38.4926, 24.7606



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

52.9884, 38.3100, 25.7209

Protanomaly

40.6646, 37.0761, 30.2124

Deuteranomaly

43.3341, 37.6175, 25.0556

Tritanomaly

53.1324, 38.1600, 27.1195

Monochromacy



Original Color

52.9884, 38.3100, 25.7209

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.2667, 36.7621, 35.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9884, 38.3100, 25.7209 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.9884, 38.3100, 25.7209 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, 130) }
```


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

```
.border{ border-color:rgb(255, 128, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9884, 38.3100, 25.7209 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
128, 130) }
```

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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