

Converting Colors

XYZ(58.1715, 40.9477, 25.5203)

Have a look what the booklet for
XYZ(58.1715, 40.9477, 25.5203)
contains.

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Color

**XYZ(52.9216, 38.2833,
25.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8081
RGB	255, 128, 129
RGB Percent	100%, 50%, 51%
CMY	0.0000, 0.4980, 0.4941
CMYK	0.00, 0.50, 0.49, 0.00
HSL	360°, 100%, 75%
HSV	360°, 50%, 100%
XYZ	52.9216, 38.2833, 25.3690
YIQ	166.0870, 75.3710, 27.2350

Conversions

Conversions Part 2

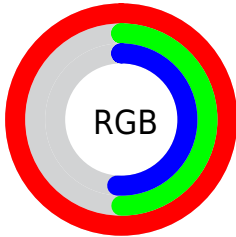
Format	Color
R_{YB}	255, 128, 129
Decimal	16744577
CIE _{Lab}	68.23, 48.28, 22.15
CIE _{LCh}	68, 53.125, 24.647
Yxy	38.2833, 0.4540, 0.3284
Android (android.graphics.Color)	4294934657 (0xFFFF8081)
YUV	166.0870, -18.2839, 77.9767
Hunter-Lab	61.8735, 44.3959, 19.0017

Details

The XYZ color **52.9216, 38.2833, 25.3690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5536, 83.2657, 106.5463**, and the grayscale version is **36.3488, 38.2418, 41.6453**.

A 20% lighter version of the original color is **66.6170, 58.5044, 52.0373**, and **26.1449, 16.9461, 9.4823** is the 20% darker color. If you saturate the color by 10%, you get **48.5248, 31.8562, 16.6084**, and if you desaturate by 10%, it is **58.5723, 46.5521, 36.6020**.

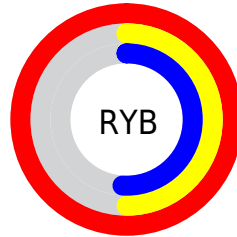
Distribution



Red (100%)

Green (50%)

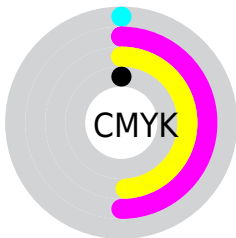
Blue (51%)



Red (100%)

Yellow (50%)

Blue (51%)

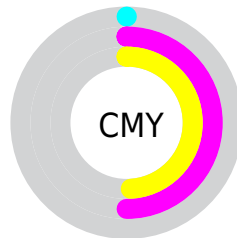


Cyan (0%)

Magenta (50%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9216, 38.2833, 25.3690 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 52.9216, 38.2833, 25.3690 by changing the saturation by 10% instead.


 52.9216, 38.2833,
25.3690


 52.9216, 38.2833,
25.3690


388.2500,
338.8337, 293.1769


 37.9674, 26.2026,
16.1307


 93.6552, 72.5422,
53.2267

 26.1345, 16.9753,
9.4613

 120.1653, 95.4891,
72.6832

 17.0575, 10.2169,
4.9424


 151.2581,
122.8270, 96.3829

 10.3711, 5.5430,
2.1553

187.2990,
154.9402, 124.7442

 5.7098, 2.5692,
0.6484

228.6533,
192.2131, 158.1857

 2.7084, 0.9112,
0.0000

275.6863,

 1.0015, 0.0000,

235.0300, 197.1259

0.0000

328.7634,
283.7754, 241.9835

■ 0.0000, 0.0000,
0.0000

■ 52.9216, 38.2833,
25.3690

■ 52.9216, 38.2833,
25.3690

■ 48.5248, 31.8562,
16.6084

■ 58.5723, 46.5521,
36.6020

■ 45.2838, 27.1246,
10.1320

■ 65.5592, 56.7823,
50.4725

■ 43.0909, 23.9302,
5.7280

■ 73.9613, 69.0905,
67.1336

■ 41.8166, 22.0819,
3.1443

■ 83.8503, 83.5824,
86.7262

■ 41.2591, 21.2764,
2.0039

95.0499, 99.9999,
108.9000

■ 41.2508, 21.2643,
1.9875

Harmonies

Analogous

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



54.7202, 38.2833, 46.0991



52.9216, 38.2833, 25.3690



46.4341, 38.2833, 14.3982

Triad

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



52.9216, 38.2833, 25.3690



24.8522, 38.2833, 20.4220



34.9172, 38.2833, 105.8340

Complementary

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



52.9216, 38.2833, 25.3690



62.5536, 83.2657, 106.5463

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.



27.9052, 38.2833, 91.2340



52.9216, 38.2833, 25.3690



22.6880, 38.2833, 37.5602

Square

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



52.9216, 38.2833, 25.3690



30.1241, 38.2833, 12.3977



23.7143, 38.2833, 63.8197



43.4631, 38.2833, 98.6192

Rectangle

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



52.9216, 38.2833, 25.3690



40.7823, 38.2833, 11.3021



23.7143, 38.2833, 63.8197



32.3197, 38.2833, 103.1893

Sweetspot

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



52.9226, 38.2853, 25.3697



78.5192, 75.7692, 76.1657



66.2356, 43.5211, 99.5168



16.3688, 15.5766, 15.4357



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.



52.9226, 38.2853, 25.3697



48.4494, 31.7460, 16.4578



63.4177, 59.3806, 28.5439



18.0152, 17.9894, 18.6971



21.5570, 11.1121, 1.0516



2.1009, 1.0827, 0.1126

Inverse Universe

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



52.9226, 38.2853, 25.3697



48.4494, 31.7460, 16.4578



46.1606, 50.2245, 101.8688



18.0152, 17.9894, 18.6971



21.5570, 11.1121, 1.0516



2.1009, 1.0827, 0.1126

Previews

White Background



This preview shows how the XYZ color 52.9216, 38.2833, 25.3690 looks on a white background.

Color Contrast Check

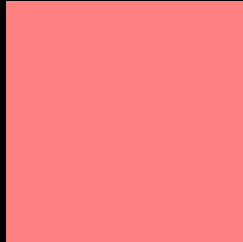
Large Text (above 18pt) WCAG AA × Fail

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 52.9216, 38.2833, 25.3690 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 52.9216, 38.2833, 25.3690

Background



This preview shows how black text looks on a background with the XYZ color 52.9216, 38.2833, 25.3690.



This preview shows how white text looks on a background with the XYZ color 52.9216, 38.2833,

25.3690.

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

52.9216, 38.2833, 25.3690

Protanopia

36.3582, 38.3777, 33.0951

Deuteranopia

39.2349, 38.4672, 24.4258



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

52.9216, 38.2833, 25.3690

Protanomaly

40.5905, 37.0464, 29.8223

Deuteranomaly

43.2692, 37.5916, 24.7140

Tritanomaly

53.0630, 38.1322, 26.7538

Monochromacy



Original Color

52.9216, 38.2833, 25.3690

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 52.9216, 38.2833, 25.3690 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 129) }
```

Border

The CSS property to change the border of an element to XYZ 52.9216, 38.2833, 25.3690 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, 129) }
```


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

```
.border{ border-color:rgb(255, 128, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 128, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 128, 129); box-shadow:4px 4px 4px 4px rgb(255, 128, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9216, 38.2833, 25.3690 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
128, 129) }
```

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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