

Converting Colors

XYZ(55.0820, 39.4762, 22.2971)

Have a look what the booklet for
XYZ(55.0820, 39.4762, 22.2971)
contains.

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Color

**XYZ(52.2889, 38.0303,
22.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8077
RGB	255, 128, 119
RGB Percent	100%, 50%, 47%
CMY	0.0000, 0.4980, 0.5333
CMYK	0.00, 0.50, 0.53, 0.00
HSL	4°, 100%, 73%
HSV	4°, 53%, 100%
XYZ	52.2889, 38.0303, 22.0374
YIQ	164.9470, 78.5810, 24.1250

Conversions

Conversions Part 2

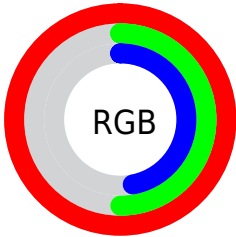
Format	Color
R _Y B	255, 129, 119
Decimal	16744567
CIE Lab	68.04, 47.44, 27.48
CIE LCh	68, 54.823, 30.078
Yxy	38.0303, 0.4654, 0.3385
Android (android.graphics.Color)	4294934647 (0xFFFF8077)
YUV	164.9470, -22.6519, 78.9765
Hunter-Lab	61.6687, 43.4299, 21.9807

Details

The XYZ color **52.2889, 38.0303, 22.0374** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.6111, 77.0487, 106.3899**, and the grayscale version is **35.8188, 37.6841, 41.0380**.

A 20% lighter version of the original color is **65.5242, 58.0672, 46.2827**, and **25.8697, 16.9437, 7.7013** is the 20% darker color. If you saturate the color by 10%, you get **48.2080, 31.9995, 14.1084**, and if you desaturate by 10%, it is **57.5111, 45.6867, 32.3740**.

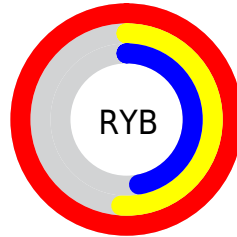
Distribution



Red (100%)

Green (50%)

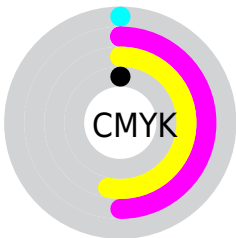
Blue (47%)



Red (100%)

Yellow (51%)

Blue (47%)

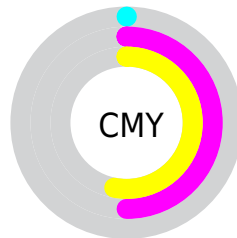


Cyan (0%)

Magenta (50%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2889, 38.0303, 22.0374 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 52.2889, 38.0303, 22.0374 by changing the saturation by 10% instead.


 52.2889, 38.0303,
22.0374


 52.2889, 38.0303,
22.0374


385.8566,
337.7499, 275.7014

 37.4606, 26.0062,
13.6858


 92.7289, 72.1546,
47.7108

 25.7396, 16.8283,
7.7662


 119.0713, 95.0236,
65.8697

 16.7606, 10.1121,
3.8601


 149.9824,
122.2763, 88.1347

 10.1582, 5.4734,
1.5489

185.8276,
154.2971, 114.9245

 5.5670, 2.5276,
0.2540

226.9723,
191.4705, 146.6575

 2.6218, 0.8904,
0.0000

273.7818,

 0.9571, 0.0000,

234.1809, 183.7523

0.0000

326.6214,
282.8125, 226.6274

■ 0.0000, 0.0000,
0.0000

■ 52.2889, 38.0303,
22.0374

■ 52.2889, 38.0303,
22.0374

■ 48.2080, 31.9995,
14.1084

■ 57.5111, 45.6867,
32.3740

■ 45.1802, 27.4713,
8.3903

■ 63.9485, 55.0681,
45.2894

■ 43.1089, 24.3151,
4.6590

■ 71.6720, 66.2730,
60.9416

■ 41.8783, 22.3750,
2.6419

■ 80.7462, 79.3908,
79.4753

■ 41.4385, 21.6573,
1.9962

■ 91.2315, 94.5049,
101.0251

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



55.1666, 38.0303, 41.3447



52.2889, 38.0303, 22.0374



44.9664, 38.0303, 12.5709

Triad

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



52.2889, 38.0303, 22.0374



23.7072, 38.0303, 22.1101



36.1690, 38.0303, 108.4334

Complementary

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



52.2889, 38.0303, 22.0374



58.6111, 77.0487, 106.3899

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.



28.5629, 38.0303, 96.9613



52.2889, 38.0303, 22.0374



22.0939, 38.0303, 41.4724

Square

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



52.2889, 38.0303, 22.0374



28.5299, 38.0303, 12.5998



23.7240, 38.0303, 69.7127



45.0111, 38.0303, 96.8488

Rectangle

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



52.2889, 38.0303, 22.0374



39.0488, 38.0303, 10.2222



23.7240, 38.0303, 69.7127



33.3920, 38.0303, 107.1034

Sweetspot

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



52.2898, 38.0323, 22.0381



78.1908, 75.7006, 74.2429



64.8109, 41.2435, 93.5141



16.3284, 15.6139, 15.0576



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.



52.2898, 38.0323, 22.0381



47.9745, 31.6521, 13.6604



63.8169, 61.0864, 25.8804



18.1059, 18.1801, 18.6991



21.6885, 11.3882, 1.0550



2.1440, 1.1733, 0.1135

Inverse Universe

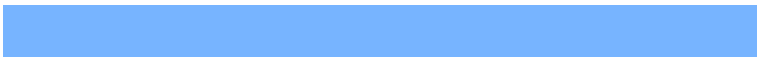
The Inverse Universe completely reimagines the original color for something new.



58.6111, 77.0487, 106.3899



54.8519, 74.3015, 106.0584



42.0195, 43.8654, 100.8594



18.4458, 20.2632, 23.1889



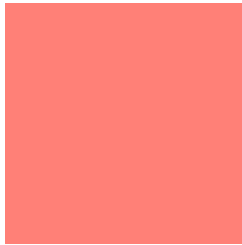
25.4682, 35.8461, 55.0112



2.5095, 3.5498, 5.3662

Previews

White Background



This preview shows how the XYZ color 52.2889, 38.0303, 22.0374 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 52.2889, 38.0303, 22.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

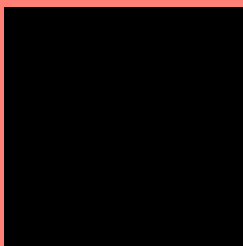
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2889, 38.0303, 22.0374

Background



This preview shows how black text looks on a background with the XYZ color 52.2889, 38.0303, 22.0374.



This preview shows how white text looks on a background with the XYZ color 52.2889, 38.0303,

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

52.2889, 38.0303, 22.0374

Protanopia

35.9846, 38.2801, 28.7848

Deuteranopia

38.9886, 38.1533, 21.2290



Tritanopia

53.0740, 37.9310, 27.4458

Trichromacy



Original Color

52.2889, 38.0303, 22.0374

Protanomaly

40.4343, 37.0473, 26.1388

Deuteranomaly

42.9557, 37.5008, 21.4974

Tritanomaly

52.7918, 38.0237, 25.3258

Monochromacy



Original Color

52.2889, 38.0303, 22.0374

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.8622, 36.6004, 32.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2889, 38.0303, 22.0374 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.2889, 38.0303, 22.0374 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, 119) }
```


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

```
.border{ border-color:rgb(255, 128, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2889, 38.0303, 22.0374 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, 119) }
```

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

```
.background{ background-color: rgb(255,  
128, 119) }
```

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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