

Converting Colors

XYZ(52.4200, 38.2924, 22.0811)

Have a look what the booklet for
XYZ(52.4200, 38.2924, 22.0811)
contains.

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Color

**XYZ(52.4200, 38.2924,
22.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8177
RGB	255, 129, 119
RGB Percent	100%, 51%, 47%
CMY	0.0000, 0.4941, 0.5333
CMYK	0.00, 0.49, 0.53, 0.00
HSL	4°, 100%, 73%
HSV	4°, 53%, 100%
XYZ	52.4200, 38.2924, 22.0811
YIQ	165.5340, 78.3060, 23.6020

Conversions

Conversions Part 2

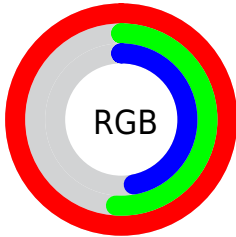
Format	Color
R _Y B	255, 130, 119
Decimal	16744823
CIE Lab	68.24, 46.95, 27.73
CIE LCh	68, 54.530, 30.566
Yxy	38.2924, 0.4647, 0.3395
Android (android.graphics.Color)	4294934903 (0xFFFF8177)
YUV	165.5340, -22.9413, 78.4617
Hunter-Lab	61.8809, 42.9180, 22.1600

Details

The XYZ color **52.4200, 38.2924, 22.0811** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.3080, 76.4424, 106.2890**, and the grayscale version is **36.1025, 37.9826, 41.3631**.

A 20% lighter version of the original color is **65.7312, 58.4813, 46.3517**, and **25.9381, 17.0804, 7.7241** is the 20% darker color. If you saturate the color by 10%, you get **48.3287, 32.2407, 14.1486**, and if you desaturate by 10%, it is **57.6433, 45.9509, 32.4181**.

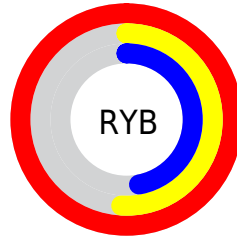
Distribution



Red (100%)

Green (51%)

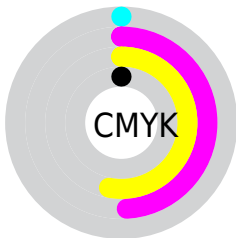
Blue (47%)



Red (100%)

Yellow (51%)

Blue (47%)

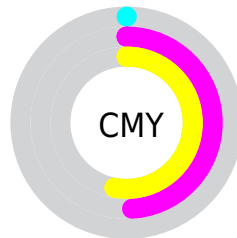


Cyan (0%)

Magenta (49%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4200, 38.2924, 22.0811 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 52.4200, 38.2924, 22.0811 by changing the saturation by 10% instead.


 52.4200, 38.2924,
22.0811


 52.4200, 38.2924,
22.0811


386.3533,
338.8726, 275.9368

 37.5656, 26.2097,
13.7176


 92.9209, 72.5561,
47.7839

 25.8214, 16.9806,
7.7880

 119.2981, 95.5059,
65.9603

 16.8220, 10.2207,
3.8738


 150.2470,
122.8468, 88.2448

 10.2022, 5.5455,
1.5564

186.1328,
154.9633, 115.0558

 5.5965, 2.5707,
0.2594

227.3210,
192.2397, 146.8120

 2.6396, 0.9120,
0.0000

274.1769,

 0.9662, 0.0000,

235.0605, 183.9319

0.0000

327.0659,
283.8100, 226.8340

■ 0.0000, 0.0000,
0.0000

■ 52.4200, 38.2924,
22.0811

■ 52.4200, 38.2924,
22.0811

■ 48.3287, 32.2407,
14.1486

■ 57.6433, 45.9509,
32.4181

■ 45.2825, 27.6758,
8.4243

■ 64.0710, 55.3131,
45.3303

■ 43.1867, 24.4706,
4.6849

■ 71.7731, 66.4752,
60.9754

■ 41.9278, 22.4740,
2.6584

■ 80.8132, 79.5247,
79.4977

■ 41.4687, 21.7177,
2.0063

■ 91.2507, 94.5433,
101.0316

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



55.3791, 38.2924, 41.2314



52.4200, 38.2924, 22.0811



45.0635, 38.2924, 12.7092

Triad

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



52.4200, 38.2924, 22.0811



23.9007, 38.2924, 22.6116



36.5581, 38.2924, 108.4931

Complementary

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



52.4200, 38.2924, 22.0811



58.3080, 76.4424, 106.2890

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.



28.9175, 38.2924, 97.4284



52.4200, 38.2924, 22.0811



22.3375, 38.2924, 42.1598

Square

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



52.4200, 38.2924, 22.0811



28.6773, 38.2924, 12.9206



24.0233, 38.2924, 70.4269



45.3880, 38.2924, 96.6133

Rectangle

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



52.4200, 38.2924, 22.0811



39.1503, 38.2924, 10.4063



24.0233, 38.2924, 70.4269



33.7736, 38.2924, 107.3003

Sweetspot

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



52.4209, 38.2944, 22.0818



78.2681, 75.8552, 74.2687



64.4610, 41.1035, 91.6711



16.3465, 15.6502, 15.0637



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.



52.4209, 38.2944, 22.0818



48.0941, 31.8913, 13.7002



64.3247, 62.1019, 26.0497



18.1167, 18.2016, 18.7027



21.7068, 11.4248, 1.0611



2.1490, 1.1835, 0.1152

Inverse Universe

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



58.3080, 76.4424, 106.2890



54.4918, 73.5813, 105.9383



41.5650, 42.9564, 100.7080



18.4337, 20.2391, 23.1849



25.1888, 35.2872, 54.9181



2.4853, 3.5014, 5.3581

Previews

White Background



This preview shows how the XYZ color 52.4200, 38.2924, 22.0811 looks on a white background.

Color Contrast Check

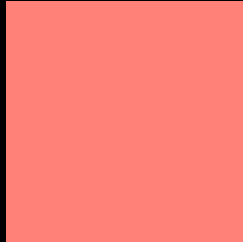
Large Text (above 18pt) WCAG AA × Fail

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 52.4200, 38.2924, 22.0811 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 52.4200, 38.2924, 22.0811

Background



This preview shows how black text looks on a background with the XYZ color 52.4200, 38.2924, 22.0811.



This preview shows how white text looks on a background with the XYZ color 52.4200, 38.2924,

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

52.4200, 38.2924, 22.0811

Protanopia

36.2116, 38.3971, 28.7954

Deuteranopia

39.1613, 38.4986, 21.2865



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

52.4200, 38.2924, 22.0811

Protanomaly

40.5973, 37.3733, 26.1932

Deuteranomaly

43.1132, 37.8159, 21.5499

Tritanomaly

52.9884, 38.3100, 25.7209

Monochromacy



Original Color

52.4200, 38.2924, 22.0811

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.1048, 36.9582, 33.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4200, 38.2924, 22.0811 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, 129, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 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, 129, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.4200, 38.2924, 22.0811 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, 129, 119) }
```


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

```
.border{ border-color:rgb(255, 129, 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, 129, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4200, 38.2924, 22.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 119) }
```

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

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