

# Converting Colors

XYZ(52.2214, 38.0447, 28.6358)

Have a look what the booklet for  
XYZ(52.2214, 38.0447, 28.6358)  
contains.

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# Color

**XYZ(52.2214, 38.0447,  
28.6358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB818A
RGB	251, 129, 138
RGB Percent	98%, 51%, 54%
CMY	0.0157, 0.4941, 0.4588
CMYK	0.00, 0.49, 0.45, 0.02
HSL	356°, 94%, 75%
HSV	356°, 49%, 98%
XYZ	52.2214, 38.0447, 28.6358
YIQ	166.5040, 69.8230, 28.6630

# Conversions

## Conversions Part 2

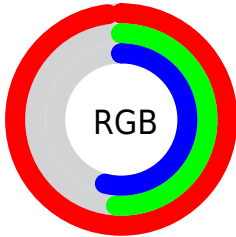
Format	Color
<a href="#">RYB</a>	<a href="#">251, 129, 138</a>
Decimal	<a href="#">16482698</a>
CIELab	<a href="#">68.05, 47.22, 16.78</a>
CIELCh	<a href="#">68, 50.112, 19.565</a>
Yxy	<a href="#">38.0447, 0.4392, 0.3200</a>
Android (android.graphics.Color)	<a href="#">4294672778</a> (0xFFFB818A)
YUV	<a href="#">166.5040, -14.0525, 74.1030</a>
Hunter-Lab	<a href="#">61.6804, 43.1855, 15.6502</a>

# Details

The XYZ color **52.2214, 38.0447, 28.6358** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5795, 80.0732, 96.3247**, and the grayscale version is **36.5329, 38.4355, 41.8562**.

A 20% lighter version of the original color is **67.7845, 59.3026, 57.1641**, and **25.8318, 16.9498, 11.1427** is the 20% darker color. If you saturate the color by 10%, you get **47.8049, 31.6233, 19.7291**, and if you desaturate by 10%, it is **57.8121, 46.2379, 39.7120**.

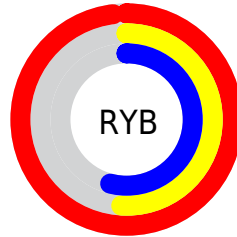
# Distribution



Red (98%)

Green (51%)

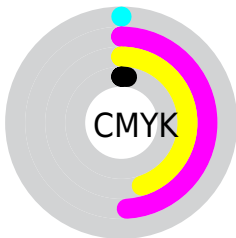
Blue (54%)



Red (98%)

Yellow (51%)

Blue (54%)

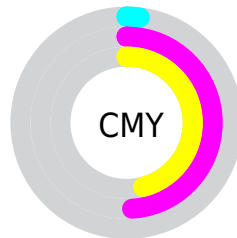


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (49%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2214, 38.0447, 28.6358 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 52.2214, 38.0447, 28.6358 by changing the saturation by 10% instead.





 52.2214, 38.0447,  
28.6358


 52.2214, 38.0447,  
28.6358


385.6007,  
337.8117, 309.4996


 37.4066, 26.0174,  
18.5623


 92.6300, 72.1766,  
58.5332

 25.6975, 16.8366,  
11.1808


 118.9544, 95.0501,  
79.1942

 16.7290, 10.1181,  
6.0729


 149.8461,  
122.3076, 104.2214

 10.1356, 5.4773,  
2.8199

185.6704,  
154.3338, 134.0333

 5.5519, 2.5300,  
1.0034

226.7926,  
191.5128, 169.0486

 2.6126, 0.8916,  
0.0000

273.5782,

 0.9524, 0.0000,

234.2293, 209.6857

0.0000

326.3924,  
282.8674, 256.3632

■ 0.0000, 0.0000,  
0.0000

■ 52.2214, 38.0447,  
28.6358

■ 52.2214, 38.0447,  
28.6358

■ 47.8049, 31.6233,  
19.7291

■ 57.8121, 46.2379,  
39.7120

■ 44.4758, 26.8374,  
12.8475

■ 64.6496, 56.3143,  
53.0851

■ 42.1403, 23.5408,  
7.8321

■ 72.8040, 68.3829,  
68.8752

■ 40.6871, 21.5583,  
4.4996

■ 82.3395, 82.5430,  
87.1933

■ 39.9641, 20.6423,  
2.6247

■ 93.3159, 98.8869,  
108.1437

■ 39.8970, 20.5546,  
2.4588

■ 93.5936, 99.2492,  
108.8318

# Harmonies

## Analogous

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



53.0152, 38.0447, 49.7049



52.2214, 38.0447, 28.6358



46.7913, 38.0447, 16.5695

# Triad

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



52.2214, 38.0447, 28.6358



25.8998, 38.0447, 19.3365



33.5102, 38.0447, 99.6870

# Complementary

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



52.2214, 38.0447, 28.6358



59.5795, 80.0732, 96.3247

# 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.



27.2755, 38.0447, 83.4962



52.2214, 38.0447, 28.6358



23.3201, 38.0447, 34.1184

# Square

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



52.2214, 38.0447, 28.6358



31.3648, 38.0447, 12.6932



23.7846, 38.0447, 57.5454



41.4214, 38.0447, 96.5413



# Rectangle

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



52.2214, 38.0447, 28.6358



41.6562, 38.0447, 12.7949



23.7846, 38.0447, 57.5454



31.1705, 38.0447, 96.1496

# Sweetspot

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



52.2224, 38.0467, 28.6365



78.8498, 75.9015, 77.9065



61.4827, 41.3390, 96.0054



16.4470, 15.6079, 15.8475



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.



52.2224, 38.0467, 28.6365



49.7784, 33.1044, 20.9069



60.0350, 54.6714, 28.1599



17.2965, 17.2460, 18.1512



20.9906, 10.8120, 1.3929



1.9615, 1.0083, 0.2208



# Inverse Universe

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



52.2224, 38.0467, 28.6365



49.7784, 33.1044, 20.9069



47.1605, 53.0199, 99.0150



17.2965, 17.2460, 18.1512



20.9906, 10.8120, 1.3929

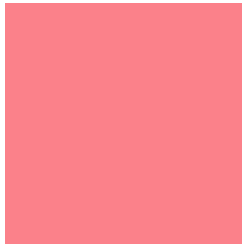


1.9615, 1.0083, 0.2208



# Previews

## White Background



This preview shows how the XYZ color 52.2214, 38.0447, 28.6358 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 52.2214, 38.0447, 28.6358 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 52.2214, 38.0447, 28.6358**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.2214, 38.0447, 28.6358.



This preview shows how white text looks on a background with the XYZ color 52.2214, 38.0447,

28.6358.

# 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

52.2214, 38.0447, 28.6358

### Protanopia

36.7353, 38.4774, 37.3890

### Deuteranopia

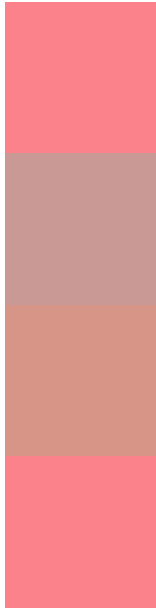
39.0526, 38.3044, 27.5255



## Tritanopia

52.2214, 38.0447, 28.6358

# Trichromacy



## Original Color

52.2214, 38.0447, 28.6358

## Protanomaly

40.9836, 37.4020, 33.9134

## Deuteranomaly

43.1450, 37.6912, 27.9228

## Tritanomaly

52.2214, 38.0447, 28.6358

# Monochromacy



## Original Color

52.2214, 38.0447, 28.6358

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

40.6807, 37.1885, 36.4865

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.2214, 38.0447, 28.6358 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(251, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(251, 129, 138)  
}
```

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(251, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 129, 138) }
```

## Border

The CSS property to change the border of an element to XYZ 52.2214, 38.0447, 28.6358 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(251, 129, 138) }
```



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

```
.border{ border-color:rgb(251, 129, 138) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(251, 129, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(251, 129,  
138) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.2214, 38.0447, 28.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 129, 138) }
```

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

```
.background{ background-color: rgb(251,  
129, 138) }
```

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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