

Converting Colors

XYZ(71.4594, 48.2781, 21.9616)

Have a look what the booklet for
XYZ(71.4594, 48.2781, 21.9616)
contains.

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Color

**XYZ(52.3750, 38.4862,
21.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8274
RGB	255, 130, 116
RGB Percent	100%, 51%, 45%
CMY	0.0000, 0.4902, 0.5451
CMYK	0.00, 0.49, 0.55, 0.00
HSL	6°, 100%, 73%
HSV	6°, 55%, 100%
XYZ	52.3750, 38.4862, 21.1911
YIQ	165.7790, 78.9940, 22.1460

Conversions

Conversions Part 2

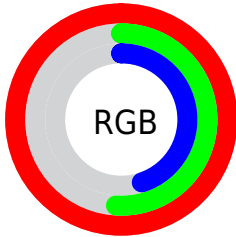
Format	Color
R_{YB}	255, 132, 116
Decimal	16745076
CIE Lab	68.38, 46.22, 29.58
CIE LCh	68, 54.876, 32.612
Yxy	38.4862, 0.4674, 0.3435
Android (android.graphics.Color)	4294935156 (0xFFFF8274)
YUV	165.7790, -24.5410, 78.2468
Hunter-Lab	62.0372, 42.1336, 23.1734

Details

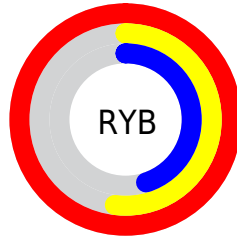
The XYZ color **52.3750, 38.4862, 21.1911** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.7057, 73.8394, 105.8710**, and the grayscale version is **36.2279, 38.1146, 41.5068**.

A 20% lighter version of the original color is **65.6568, 58.7851, 44.9320**, and **25.9454, 17.1944, 7.4202** is the 20% darker color. If you saturate the color by 10%, you get **48.3725, 32.5382, 13.5161**, and if you desaturate by 10%, it is **57.4660, 45.9602, 31.2376**.

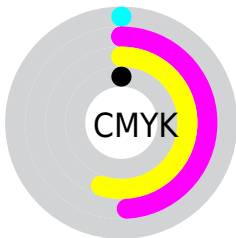
Distribution



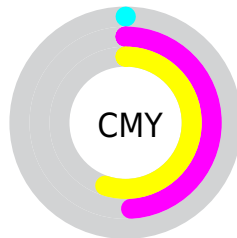
- Red (100%)
- Green (51%)
- Blue (45%)



- Red (100%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3750, 38.4862, 21.1911 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 52.3750, 38.4862, 21.1911 by changing the saturation by 10% instead.


 52.3750, 38.4862,
21.1911


 52.3750, 38.4862,
21.1911


386.1828,
339.7011, 271.1067


 37.5295, 26.3603,
13.0712


 92.8550, 72.8527,
46.2903

 25.7933, 17.0933,
7.3463


 119.2203, 95.8621,
64.1066

 16.8009, 10.3011,
3.5979


 150.1562,
123.2681, 85.9921

 10.1871, 5.5990,
1.4074

186.0281,
155.4551, 112.3654

 5.5864, 2.6028,
0.1475

227.2013,
192.8075, 143.6449

 2.6335, 0.9281,
0.0000

274.0413,

 0.9631, 0.0000,

235.7097, 180.2493

0.0000

326.9134,
284.5461, 222.5970

■ 0.0000, 0.0000,
0.0000

■ 52.3750, 38.4862,
21.1911

■ 52.3750, 38.4862,
21.1911

■ 48.3725, 32.5382,
13.5161

■ 57.4660, 45.9602,
31.2376

■ 45.3757, 28.0051,
8.0152

■ 63.7145, 55.0491,
43.8271

■ 43.2947, 24.7704,
4.4626

■ 71.1870, 65.8423,
59.1176

■ 42.0214, 22.6962,
2.5815

■ 79.9442, 78.4207,
77.2535

■ 41.6025, 21.9853,
2.0509

■ 90.0427, 92.8603,
98.3692

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.



55.7390, 38.4862, 39.7804



52.3750, 38.4862, 21.1911



44.7376, 38.4862, 12.3274

Triad

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



52.3750, 38.4862, 21.1911



23.7597, 38.4862, 23.6573



37.3399, 38.4862, 109.3686

Complementary

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



52.3750, 38.4862, 21.1911



56.7057, 73.8394, 105.8710

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.



29.4797, 38.4862, 99.6872



52.3750, 38.4862, 21.1911



22.4071, 38.4862, 44.1037

Square

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



52.3750, 38.4862, 21.1911



28.3620, 38.4862, 13.3083



24.3302, 38.4862, 73.0103



46.2493, 38.4862, 95.8848

Rectangle

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



52.3750, 38.4862, 21.1911



38.7506, 38.4862, 10.2761



24.3302, 38.4862, 73.0103



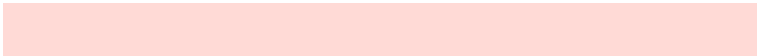
34.4920, 38.4862, 108.7171

Sweetspot

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



52.3759, 38.4882, 21.1918



78.5554, 76.4297, 74.3644



63.3774, 40.1078, 87.6984



16.4139, 15.7850, 15.0862



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.



52.3759, 38.4882, 21.1918



48.2028, 32.2837, 13.1971



64.9079, 63.5521, 25.3691



18.1566, 18.2814, 18.7160



21.7863, 11.5838, 1.0876



2.1679, 1.2211, 0.1214

Inverse Universe

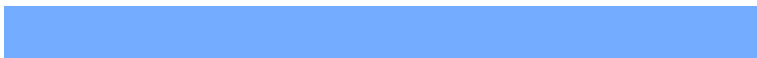
The Inverse Universe completely reimagines the original color for something new.



56.7057, 73.8394, 105.8710



52.8551, 70.6787, 105.4643



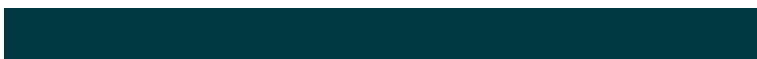
39.9291, 40.2862, 100.2789



18.3892, 20.1501, 23.1701



24.1798, 33.2693, 54.5818



2.3976, 3.3259, 5.3289

Previews

White Background



This preview shows how the XYZ color 52.3750, 38.4862, 21.1911 looks on a white background.

Color Contrast Check

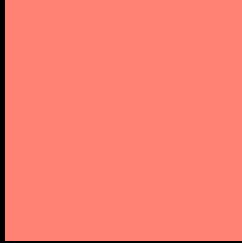
Large Text (above 18pt) WCAG AA × Fail

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 52.3750, 38.4862, 21.1911 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 52.3750, 38.4862, 21.1911

Background



This preview shows how black text looks on a background with the XYZ color 52.3750, 38.4862, 21.1911.



This preview shows how white text looks on a background with the XYZ color 52.3750, 38.4862,

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

52.3750, 38.4862, 21.1911

Protanopia

36.3437, 38.7684, 27.3973

Deuteranopia

39.5274, 38.7068, 20.4268



Tritanopia

53.4745, 38.5045, 28.2806

Trichromacy



Original Color

52.3750, 38.4862, 21.1911

Protanomaly

40.7751, 37.7394, 24.8740

Deuteranomaly

43.5469, 38.0593, 20.6738

Tritanomaly

53.0527, 38.5455, 25.4127

Monochromacy



Original Color

52.3750, 38.4862, 21.1911

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.0252, 36.9264, 33.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3750, 38.4862, 21.1911 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, 130, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 116)  
}
```

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, 130, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 116) }
```

Border

The CSS property to change the border of an element to XYZ 52.3750, 38.4862, 21.1911 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, 130, 116) }
```


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

```
.border{ border-color:rgb(255, 130, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 116); box-shadow:4px 4px 4px 4px rgb(255, 130, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3750, 38.4862, 21.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 116) }
```

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

```
.background{ background-color: rgb(255,  
130, 116) }
```

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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