

Converting Colors

XYZ(68.9660, 47.1143, 22.2734)

Have a look what the booklet for
XYZ(68.9660, 47.1143, 22.2734)
contains.

XYZ(52.4335, 38.5096, 21.4992)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.4335, 38.5096,
21.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8275
RGB	255, 130, 117
RGB Percent	100%, 51%, 46%
CMY	0.0000, 0.4902, 0.5412
CMYK	0.00, 0.49, 0.54, 0.00
HSL	6°, 100%, 73%
HSV	6°, 54%, 100%
XYZ	52.4335, 38.5096, 21.4992
YIQ	165.8930, 78.6730, 22.4570

Conversions

Conversions Part 2

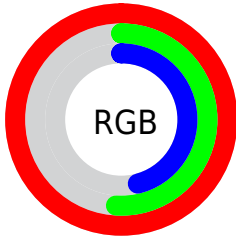
Format	Color
R_{YB}	255, 131, 117
Decimal	16745077
CIE _{Lab}	68.39, 46.30, 29.05
CIE _{LCh}	68, 54.659, 32.100
Yxy	38.5096, 0.4663, 0.3425
Android (android.graphics.Color)	4294935157 (0xFFFF8275)
YUV	165.8930, -24.1042, 78.1468
Hunter-Lab	62.0561, 42.2231, 22.8984

Details

The XYZ color **52.4335, 38.5096, 21.4992** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.1362, 74.5020, 105.9762**, and the grayscale version is **36.2811, 38.1705, 41.5677**.

A 20% lighter version of the original color is **65.7504, 58.8225, 45.4246**, and **25.9762, 17.2068, 7.5824** is the 20% darker color. If you saturate the color by 10%, you get **48.3983, 32.5208, 13.7376**, and if you desaturate by 10%, it is **57.5683, 46.0446, 31.6422**.

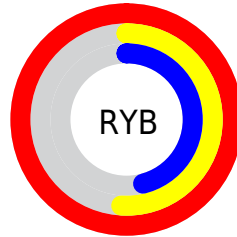
Distribution



Red (100%)

Green (51%)

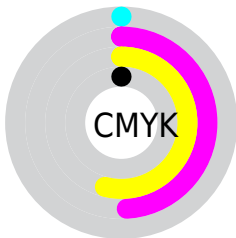
Blue (46%)



Red (100%)

Yellow (51%)

Blue (46%)

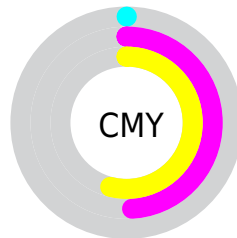


Cyan (0%)

Magenta (49%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4335, 38.5096, 21.4992 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 52.4335, 38.5096, 21.4992 by changing the saturation by 10% instead.


 52.4335, 38.5096,
21.4992


 52.4335, 38.5096,
21.4992


386.4044,
339.8010, 272.7874

 37.5764, 26.3784,
13.2946

 92.9407, 72.8886,
46.8084

 25.8298, 17.1070,
7.4986


 119.3215, 95.9051,
64.7501

 16.8284, 10.3108,
3.6927


 150.2742,
123.3190, 86.7745

 10.2067, 5.6055,
1.4583

186.1642,
155.5145, 113.3003

 5.5996, 2.6067,
0.1866

227.3569,
192.8760, 144.7459

 2.6415, 0.9300,
0.0000

274.2176,

 0.9671, 0.0000,

235.7881, 181.5300

0.0000

327.1117,
284.6349, 224.0709

■ 0.0000, 0.0000,
0.0000

■ 52.4335, 38.5096,
21.4992

■ 52.4335, 38.5096,
21.4992

■ 48.3983, 32.5208,
13.7376

■ 57.5683, 46.0446,
31.6422

■ 45.3792, 27.9652,
8.1605

■ 63.8726, 55.2166,
44.3378

■ 43.2851, 24.7240,
4.5433

■ 71.4134, 66.1164,
59.7435

■ 42.0071, 22.6566,
2.6111

■ 80.2522, 78.8265,
78.0038

■ 41.5672, 21.9146,
2.0391

■ 90.4461, 93.4240,
99.2529

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.



55.6900, 38.5096, 40.2224



52.4335, 38.5096, 21.4992



44.8781, 38.5096, 12.4996

Triad

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



52.4335, 38.5096, 21.4992



23.8714, 38.5096, 23.4785



37.2102, 38.5096, 109.0953

Complementary

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



52.4335, 38.5096, 21.4992



57.1362, 74.5020, 105.9762

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.



29.4119, 38.5096, 99.0883



52.4335, 38.5096, 21.4992



22.4660, 38.5096, 43.6861

Square

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



52.4335, 38.5096, 21.4992



28.5159, 38.5096, 13.2885



24.3290, 38.5096, 72.3864



46.0886, 38.5096, 96.0475

Rectangle

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



52.4335, 38.5096, 21.4992



38.9170, 38.5096, 10.3812



24.3290, 38.5096, 72.3864



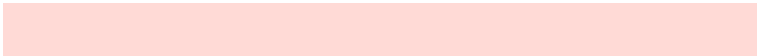
34.3811, 38.5096, 108.3089

Sweetspot

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



52.4344, 38.5116, 21.4999



78.4864, 76.2917, 74.3414



63.8545, 40.4841, 89.6389



16.3977, 15.7526, 15.0808



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.



52.4344, 38.5116, 21.4999



48.0923, 32.0626, 13.1603



64.5308, 62.7043, 25.5320



18.1470, 18.2622, 18.7128



21.7655, 11.5423, 1.0807



2.1633, 1.2121, 0.1199

Inverse Universe

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



57.1362, 74.5020, 105.9762



53.1711, 71.3107, 105.5697



40.6191, 41.4678, 100.4705



18.3999, 20.1714, 23.1736



24.4181, 33.7459, 54.6612



2.4184, 3.3674, 5.3358

Previews

White Background



This preview shows how the XYZ color 52.4335, 38.5096, 21.4992 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 52.4335, 38.5096, 21.4992 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 52.4335, 38.5096, 21.4992

Background



This preview shows how black text looks on a background with the XYZ color 52.4335, 38.5096, 21.4992.



This preview shows how white text looks on a background with the XYZ color 52.4335, 38.5096,

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

52.4335, 38.5096, 21.4992

Protanopia

36.4125, 38.7959, 27.7595

Deuteranopia

39.3149, 38.5908, 20.7059



Tritanopia

53.4745, 38.5045, 28.2806

Trichromacy



Original Color

52.4335, 38.5096, 21.4992

Protanomaly

40.8400, 37.7653, 25.2156

Deuteranomaly

43.2999, 37.9254, 20.9578

Tritanomaly

53.1195, 38.5722, 25.7646

Monochromacy



Original Color

52.4335, 38.5096, 21.4992

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 52.4335, 38.5096, 21.4992 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 117) }
```

Border

The CSS property to change the border of an element to XYZ 52.4335, 38.5096, 21.4992 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, 117) }
```


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

```
.border{ border-color:rgb(255, 130, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4335, 38.5096, 21.4992 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
130, 117) }
```

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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