

Converting Colors

XYZ(62.8391, 43.4759, 29.8077)

Have a look what the booklet for
XYZ(62.8391, 43.4759, 29.8077)
contains.

XYZ(53.8239, 38.8540, 29.4737)	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(53.8239, 38.8540,
29.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	FF818C
RGB	255, 129, 140
RGB Percent	100%, 51%, 55%
CMY	0.0000, 0.4941, 0.4510
CMYK	0.00, 0.49, 0.45, 0.00
HSL	355°, 100%, 75%
HSV	355°, 49%, 100%
XYZ	53.8239, 38.8540, 29.4737
YIQ	167.9280, 71.5650, 30.1330

Conversions

Conversions Part 2

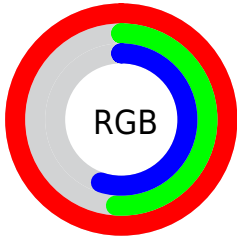
Format	Color
RYB	255, 129, 140
Decimal	16744844
CIELab	68.65, 48.81, 16.56
CIElCh	69, 51.548, 18.743
Yxy	38.8540, 0.4406, 0.3181
Android (android.graphics.Color)	4294934924 (0xFFFF818C)
YUV	167.9280, -13.7685, 76.3621
Hunter-Lab	62.3330, 45.0502, 15.5982

Details

The XYZ color **53.8239, 38.8540, 29.4737** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1445, 82.7196, 98.3370**, and the grayscale version is **37.2262, 39.1648, 42.6505**.

A 20% lighter version of the original color is **68.0061, 59.3912, 58.3314**, and **26.6097, 17.2397, 11.5980** is the 20% darker color. If you saturate the color by 10%, you get **49.3356, 32.3397, 20.3872**, and if you desaturate by 10%, it is **59.5151, 47.1934, 40.7526**.

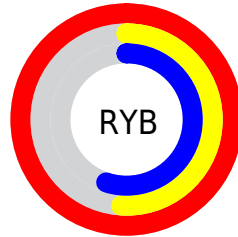
Distribution



Red (100%)

Green (51%)

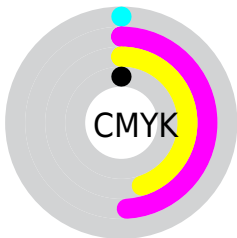
Blue (55%)



Red (100%)

Yellow (51%)

Blue (55%)

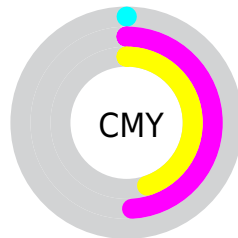


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8239, 38.8540, 29.4737 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 53.8239, 38.8540, 29.4737 by changing the saturation by 10% instead.


 53.8239, 38.8540,
29.4737


 53.8239, 38.8540,
29.4737


391.6475,
341.2694, 313.5741


 38.6910, 26.6462,
19.1908

 94.9740, 73.4152,
59.8800

 26.6991, 17.3077,
11.6300


 121.7220, 96.5374,
80.8405

 17.4828, 10.4541,
6.3728


 153.0723,
124.0665, 106.1972

 10.6767, 5.7011,
3.0006

189.3904,
156.3869, 136.3688

 5.9156, 2.6642,
1.0950

231.0416,
193.8830, 171.7737

 2.8340, 0.9590,
0.0000

278.3913,

 1.0666, 0.0000,

236.9392, 212.8306

0.0000

331.8048,
285.9398, 259.9578

■ 0.0000, 0.0000,
0.0000

■ 53.8239, 38.8540,
29.4737

■ 53.8239, 38.8540,
29.4737

■ 49.3356, 32.3397,
20.3872

■ 59.5151, 47.1934,
40.7526

■ 45.9607, 27.5082,
13.3482

■ 66.4844, 57.4743,
54.3517

■ 43.6017, 24.2059,
8.1977

■ 74.8041, 69.8104,
70.3914

■ 42.1431, 22.2486,
4.7521

■ 84.5404, 84.3051,
88.9833

■ 41.4173, 21.3571,
2.7833

■ 95.0499, 100.0000,
108.9000

■ 41.3871, 21.3188,
2.7053

Harmonies

Analogous

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



54.5068, 38.8540, 51.6733



53.8239, 38.8540, 29.4737



48.2431, 38.8540, 16.7615

Triad

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



53.8239, 38.8540, 29.4737



26.3679, 38.8540, 19.0949



33.9576, 38.8540, 103.2610

Complementary

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



53.8239, 38.8540, 29.4737



61.1445, 82.7196, 98.3370

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.



27.5394, 38.8540, 85.7465



53.8239, 38.8540, 29.4737



23.6068, 38.8540, 34.1442

Square

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



53.8239, 38.8540, 29.4737



32.1247, 38.8540, 12.4703



24.0016, 38.8540, 58.4069



42.1911, 38.8540, 100.5388

Rectangle

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



53.8239, 38.8540, 29.4737



42.9001, 38.8540, 12.7705



24.0016, 38.8540, 58.4069



31.5404, 38.8540, 99.3460

Sweetspot

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



53.8249, 38.8560, 29.4744



78.9183, 75.9289, 78.2672



62.6568, 41.8708, 99.3870



16.4633, 15.6144, 15.9330



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.



53.8249, 38.8560, 29.4744



49.4967, 32.5721, 20.7174



61.4042, 55.2478, 28.1992



18.0737, 18.0128, 19.0053



21.6475, 11.1483, 1.5285



2.1286, 1.0938, 0.2587

Inverse Universe

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



53.8249, 38.8560, 29.4744



49.4967, 32.5721, 20.7174



48.8409, 55.3607, 102.7190



18.0737, 18.0128, 19.0053



21.6475, 11.1483, 1.5285



2.1286, 1.0938, 0.2587

Previews

White Background



This preview shows how the XYZ color 53.8239, 38.8540, 29.4737 looks on a white background.

Color Contrast Check

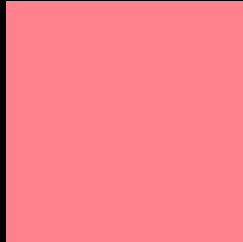
Large Text (above 18pt) WCAG AA × Fail

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 53.8239, 38.8540, 29.4737 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 53.8239, 38.8540, 29.4737

Background



This preview shows how black text looks on a background with the XYZ color 53.8239, 38.8540, 29.4737.



This preview shows how white text looks on a background with the XYZ color 53.8239, 38.8540,

29.4737.

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

53.8239, 38.8540, 29.4737

Protanopia

37.3975, 39.0597, 38.8259

Deuteranopia

39.6237, 38.8411, 28.3304



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.8239, 38.8540, 29.4737



Protanomaly

41.7696, 37.7789, 35.2275



Deuteranomaly

43.8781, 38.0527, 28.6992



Tritanomaly

53.7505, 38.8246, 29.0870

Monochromacy



Original Color

53.8239, 38.8540, 29.4737



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

41.5466, 37.8592, 37.4656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8239, 38.8540, 29.4737 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.8239, 38.8540, 29.4737 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, 140) }
```


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

```
.border{ border-color:rgb(255, 129, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8239, 38.8540, 29.4737 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
129, 140) }
```

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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