

Converting Colors

XYZ(49.2051, 34.0535, 18.7933)

Have a look what the booklet for
XYZ(49.2051, 34.0535, 18.7933)
contains.

XYZ(48.9767, 33.8559, 18.7053)	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(48.9767, 33.8559,
18.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	FC726E
RGB	252, 114, 110
RGB Percent	99%, 45%, 43%
CMY	0.0118, 0.5529, 0.5686
CMYK	0.00, 0.55, 0.56, 0.01
HSL	2°, 96%, 71%
HSV	2°, 56%, 99%
XYZ	48.9767, 33.8559, 18.7053
YIQ	154.8060, 83.5320, 28.0120

Conversions

Conversions Part 2

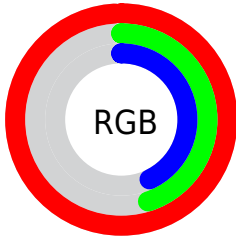
Format	Color
RYB	252, 114, 110
Decimal	16544366
CIELab	64.85, 52.37, 28.21
CIELCh	65, 59.487, 28.311
Yxy	33.8559, 0.4823, 0.3334
Android (android.graphics.Color)	4294734446 (0xFFFC726E)
YUV	154.8060, -22.0894, 85.2391
Hunter-Lab	58.1858, 48.4235, 21.6698

Details

The XYZ color **48.9767, 33.8559, 18.7053** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.5660, 77.4731, 104.0148**, and the grayscale version is **31.1398, 32.7615, 35.6773**.

A 20% lighter version of the original color is **61.9496, 52.2446, 41.0015**, and **23.6687, 14.4229, 6.0938** is the 20% darker color. If you saturate the color by 10%, you get **45.3923, 28.5797, 11.6769**, and if you desaturate by 10%, it is **53.6920, 40.7703, 28.0354**.

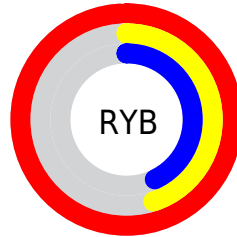
Distribution



Red (99%)

Green (45%)

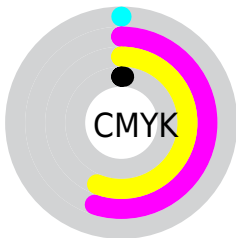
Blue (43%)



Red (99%)

Yellow (45%)

Blue (43%)

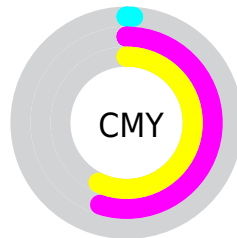


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (1%)



Cyan (1%)

Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9767, 33.8559, 18.7053 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 48.9767, 33.8559, 18.7053 by changing the saturation by 10% instead.


 48.9767, 33.8559,
18.7053


 48.9767, 33.8559,
18.7053


373.1691,
319.4890, 257.1853

 34.8155, 22.7829,
11.2829


 87.8578, 65.7095,
42.0656


 23.6866, 14.4333,
6.1409


 113.3083, 87.2589,
58.8405

 15.2248, 8.4226,
2.8608


 143.2527,
113.0693, 79.5700

 9.0646, 4.3666,
1.0240

 178.0562,
143.5250, 104.6727

 4.8408, 1.8807,
0.0000

218.0842,
179.0104, 134.5670

 2.1880, 0.5367,
0.0000

263.7022,

 0.7364, 0.0000,

219.9100, 169.6715

0.0000

315.2753,
266.6081, 210.4047

■ 0.0000, 0.0000,
0.0000

■ 48.9767, 33.8559,
18.7053

■ 48.9767, 33.8559,
18.7053

■ 45.3923, 28.5797,
11.6769

■ 53.6920, 40.7703,
28.0354

■ 42.8419, 24.8016,
6.7490

■ 59.6197, 49.4369,
39.8418

■ 41.2165, 22.3676,
3.6889

■ 66.8365, 59.9660,
54.2841

■ 40.3812, 21.0877,
2.2062

■ 75.4120, 72.4572,
71.5081

■ 40.2219, 20.8498,
1.9045

■ 85.4109, 87.0031,
91.6490

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



51.6215, 33.8559, 38.2722



48.9767, 33.8559, 18.7053



41.6352, 33.8559, 9.5223

Triad

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



48.9767, 33.8559, 18.7053



20.0949, 33.8559, 17.2137



31.6956, 33.8559, 107.0228

Complementary

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



48.9767, 33.8559, 18.7053



57.5660, 77.4731, 104.0148

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.



24.2753, 33.8559, 93.3703



48.9767, 33.8559, 18.7053



18.3577, 33.8559, 35.4894

Square

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



48.9767, 33.8559, 18.7053



24.9794, 33.8559, 8.9691



19.7420, 33.8559, 64.0813



40.6441, 33.8559, 95.9795

Rectangle

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



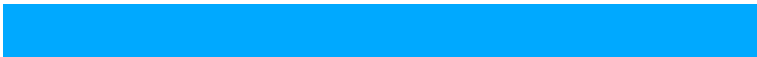
48.9767, 33.8559, 18.7053



35.6346, 33.8559, 7.2706



19.7420, 33.8559, 64.0813



28.9544, 33.8559, 105.0844

Sweetspot

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



48.9775, 33.8577, 18.7059



76.8420, 73.5207, 72.1970



62.9185, 38.7265, 94.2998



16.0477, 15.1547, 14.6497



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.



48.9775, 33.8577, 18.7059



46.1152, 28.5979, 10.9925



59.9685, 55.8397, 22.3695



17.2839, 17.3036, 17.8914



20.9697, 10.8961, 0.9979



1.9556, 1.0360, 0.0969

Inverse Universe

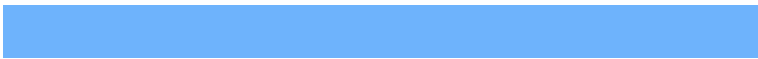
The Inverse Universe completely reimagines the original color for something new.



57.5660, 77.4731, 104.0148



55.7135, 77.4331, 106.6174



40.0479, 42.4368, 98.1755



17.7214, 19.5195, 22.2189



26.1635, 37.6827, 53.8681



2.4361, 3.5158, 4.9934

Previews

White Background



This preview shows how the XYZ color 48.9767, 33.8559, 18.7053 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 48.9767, 33.8559, 18.7053 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 48.9767, 33.8559, 18.7053

Background



This preview shows how black text looks on a background with the XYZ color 48.9767, 33.8559, 18.7053.



This preview shows how white text looks on a background with the XYZ color 48.9767, 33.8559,

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

48.9767, 33.8559, 18.7053

Protanopia

31.9558, 33.9144, 25.6308

Deuteranopia

34.5516, 33.9515, 17.8289



Tritanopia

49.6923, 33.8271, 21.6795

Trichromacy



Original Color

48.9767, 33.8559, 18.7053

Protanomaly

36.3264, 32.4607, 22.7633

Deuteranomaly

38.8414, 33.2146, 17.9996

Tritanomaly

49.5655, 33.9539, 20.4644

Monochromacy



Original Color

48.9767, 33.8559, 18.7053

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.2735, 31.5674, 28.6601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9767, 33.8559, 18.7053 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(252, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(252, 114, 110)  
}
```

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(252, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 114, 110) }
```

Border

The CSS property to change the border of an element to XYZ 48.9767, 33.8559, 18.7053 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(252, 114, 110) }
```


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

```
.border{ border-color:rgb(252, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(252, 114,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9767, 33.8559, 18.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 114, 110) }
```

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

```
.background{ background-color: rgb(252,  
114, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor