

Converting Colors

XYZ(48.9908, 33.1553, 20.9571)

Have a look what the booklet for
XYZ(48.9908, 33.1553, 20.9571)
contains.

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Color

**XYZ(48.9908, 33.1553,
20.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6E76
RGB	252, 110, 118
RGB Percent	99%, 43%, 46%
CMY	0.0118, 0.5686, 0.5373
CMYK	0.00, 0.56, 0.53, 0.01
HSL	357°, 96%, 71%
HSV	357°, 56%, 99%
XYZ	48.9908, 33.1553, 20.9571
YIQ	153.3700, 82.0640, 32.5920

Conversions

Conversions Part 2

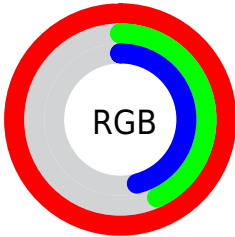
Format	Color
R _Y B	252, 110, 118
Decimal	16543350
CIE Lab	64.29, 54.83, 22.95
CIE LCh	64, 59.440, 22.712
Yxy	33.1553, 0.4752, 0.3216
Android (android.graphics.Color)	4294733430 (0xFFFC6E76)
YUV	153.3700, -17.4374, 86.4985
Hunter-Lab	57.5806, 51.1054, 18.7272

Details

The XYZ color **48.9908, 33.1553, 20.9571** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.5719, 79.4681, 97.8981**, and the grayscale version is **30.4893, 32.0771, 34.9320**.

A 20% lighter version of the original color is **62.1319, 51.4347, 44.6834**, and **23.6599, 14.0277, 7.2550** is the 20% darker color. If you saturate the color by 10%, you get **45.4084, 27.9744, 13.6477**, and if you desaturate by 10%, it is **53.7040, 40.0280, 30.4013**.

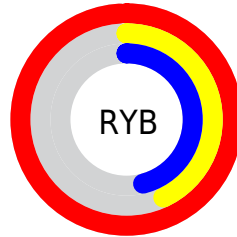
Distribution



Red (99%)

Green (43%)

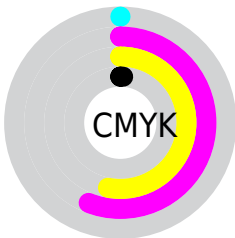
Blue (46%)



Red (99%)

Yellow (43%)

Blue (46%)

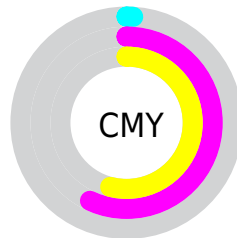


Cyan (0%)

Magenta (56%)

Yellow (53%)

Black (1%)



Cyan (1%)


Magenta (57%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9908, 33.1553, 20.9571 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 48.9908, 33.1553, 20.9571 by changing the saturation by 10% instead.


 48.9908, 33.1553,
20.9571


 48.9908, 33.1553,
20.9571


373.2237,
316.3489, 269.8240

 34.8267, 22.2454,
12.9017


 87.8786, 64.6179,
45.8960

 23.6953, 14.0374,
7.2310

 113.3330, 85.9395,
63.6166

 15.2312, 8.1467,
3.5263


 143.2815,
111.5004, 85.3960

 9.0692, 4.1889,
1.3693

178.0895,
141.6850, 111.6527

 4.8438, 1.7798,
0.1176

218.1224,
176.8778, 142.8053

 2.1897, 0.4745,
0.0000

263.7455,

 0.7373, 0.0000,

217.4631, 179.2724

0.0000

315.3241,
263.8254, 221.4724

■ 0.0000, 0.0000,
0.0000

■ 48.9908, 33.1553,
20.9571

■ 48.9908, 33.1553,
20.9571

■ 45.4084, 27.9744,
13.6477

■ 53.7040, 40.0280,
30.4013

■ 42.8595, 24.3340,
8.3051

■ 59.6294, 48.7160,
42.1274

■ 41.2347, 22.0654,
4.7389

■ 66.8441, 59.3375,
56.2712

■ 40.3980, 20.9566,
2.7199

■ 75.4177, 71.9993,
72.9576

■ 40.2252, 20.7276,
2.3028

■ 85.4152, 86.8001,
92.3029

93.9547, 99.4353,
108.8487

Harmonies

Analogous

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



50.5202, 33.1553, 42.3268



48.9908, 33.1553, 20.9571



42.4096, 33.1553, 10.3018

Triad

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



48.9908, 33.1553, 20.9571



20.2790, 33.1553, 14.6205



29.4978, 33.1553, 104.6676

Complementary

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



48.9908, 33.1553, 20.9571



57.5719, 79.4681, 97.8981

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.



22.6639, 33.1553, 87.1800



48.9908, 33.1553, 20.9571



17.9944, 33.1553, 30.5168

Square

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



48.9908, 33.1553, 20.9571



25.6501, 33.1553, 7.9505



18.7821, 33.1553, 57.1979



38.2078, 33.1553, 98.2354

Rectangle

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



48.9908, 33.1553, 20.9571



36.5891, 33.1553, 7.4141



18.7821, 33.1553, 57.1979



26.9297, 33.1553, 101.1988

Sweetspot

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



48.9916, 33.1571, 20.9577



76.8452, 73.0318, 73.7250



59.9488, 37.1537, 96.1067



16.0485, 15.0413, 15.0042



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.



48.9916, 33.1571, 20.9577



46.1311, 27.9960, 12.9516



57.6244, 51.1508, 21.5903



17.2842, 17.2410, 18.0864



20.9702, 10.8038, 1.2853



1.9557, 1.0060, 0.1900

Inverse Universe

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



48.9916, 33.1571, 20.9577



46.1311, 27.9960, 12.9516



42.5175, 47.3747, 98.9983



17.2842, 17.2410, 18.0864



20.9702, 10.8038, 1.2853



1.9557, 1.0060, 0.1900

Previews

White Background



This preview shows how the XYZ color 48.9908, 33.1553, 20.9571 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 48.9908, 33.1553, 20.9571 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 48.9908, 33.1553, 20.9571

Background



This preview shows how black text looks on a background with the XYZ color 48.9908, 33.1553, 20.9571.



This preview shows how white text looks on a background with the XYZ color 48.9908, 33.1553,

20.9571.

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

48.9908, 33.1553, 20.9571

Protanopia

31.7263, 33.4569, 29.5966

Deuteranopia

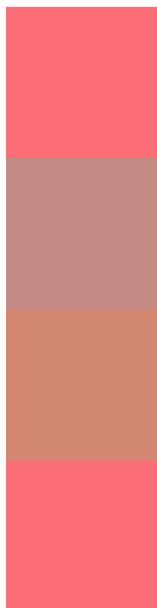
34.0253, 33.3995, 19.6923



Tritanopia

48.9317, 33.1317, 20.6457

Trichromacy



Original Color

48.9908, 33.1553, 20.9571

Protanomaly

35.9032, 31.7333, 26.0626

Deuteranomaly

38.2796, 32.2445, 20.1258

Tritanomaly

48.9317, 33.1317, 20.6457

Monochromacy



Original Color

48.9908, 33.1553, 20.9571

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

34.6656, 30.6036, 28.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9908, 33.1553, 20.9571 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, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(252, 110, 118)  
}
```

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, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 110, 118) }
```

Border

The CSS property to change the border of an element to XYZ 48.9908, 33.1553, 20.9571 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, 110, 118) }
```


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

```
.border{ border-color:rgb(252, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(252, 110,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9908, 33.1553, 20.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 110, 118) }
```

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

```
.background{ background-color: rgb(252,  
110, 118) }
```

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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