

Converting Colors

XYZ(60.7895, 39.0279, 19.5159)

Have a look what the booklet for
XYZ(60.7895, 39.0279, 19.5159)
contains.

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Color

**XYZ(49.5272, 33.1550,
19.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6C70
RGB	255, 108, 112
RGB Percent	100%, 42%, 44%
CMY	0.0000, 0.5764, 0.5608
CMYK	0.00, 0.58, 0.56, 0.00
HSL	358°, 100%, 71%
HSV	358°, 58%, 100%
XYZ	49.5272, 33.1550, 19.1184
YIQ	152.4090, 86.3280, 32.4080

Conversions

Conversions Part 2

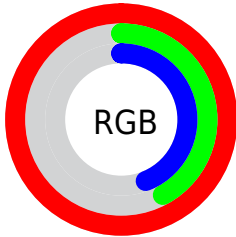
Format	Color
RYB	255, 108, 112
Decimal	16739440
CIELab	64.29, 56.29, 26.43
CIElCh	64, 62.186, 25.152
Yxy	33.1550, 0.4865, 0.3257
Android (android.graphics.Color)	4294929520 (0xFFFF6C70)
YUV	152.4090, -19.9216, 89.9723
Hunter-Lab	57.5804, 52.7694, 20.6202

Details

The XYZ color **49.5272, 33.1550, 19.1184** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.3591, 81.6739, 103.9093**, and the grayscale version is **30.0804, 31.6469, 34.4635**.

A 20% lighter version of the original color is **61.2163, 50.4913, 41.6413**, and **24.1016, 14.0753, 6.2970** is the 20% darker color. If you saturate the color by 10%, you get **46.0239, 28.0629, 12.0492**, and if you desaturate by 10%, it is **54.1988, 39.9753, 28.4543**.

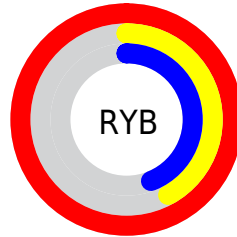
Distribution



Red (100%)

Green (42%)

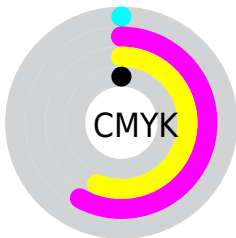
Blue (44%)



Red (100%)

Yellow (42%)

Blue (44%)

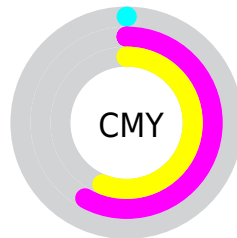


Cyan (0%)

Magenta (58%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5272, 33.1550, 19.1184 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 49.5272, 33.1550, 19.1184 by changing the saturation by 10% instead.


 49.5272, 33.1550,
19.1184


 49.5272, 33.1550,
19.1184

375.2967,
316.3476, 259.5461

 35.2541, 22.2452,
11.5782


 88.6700, 64.6174,
42.7734


 24.0261, 14.0372,
6.3381


 114.2704, 85.9389,
59.7253

 15.4778, 8.1465,
2.9797


 144.3773,
111.4997, 80.6515

 9.2439, 4.1889,
1.0843

 179.3561,
141.6842, 105.9706

 4.9590, 1.7798,
0.0000

219.5720,
176.8769, 136.1010

 2.2577, 0.4745,
0.0000

265.3906,

 0.7729, 0.0000,

217.4621, 171.4614

0.0000

317.1770,
263.8242, 212.4702

■ 0.0000, 0.0000,
0.0000

■ 49.5272, 33.1550,
19.1184

■ 49.5272, 33.1550,
19.1184

■ 46.0239, 28.0629,
12.0492

■ 54.1988, 39.9753,
28.4543

■ 43.5835, 24.5391,
7.0526

■ 60.1270, 48.6543,
40.2258

■ 42.0863, 22.4039,
3.9045

■ 67.3942, 59.3159,
54.5877

■ 41.3762, 21.4188,
2.3265

■ 76.0754, 72.0722,
71.6815

■ 41.2778, 21.2751,
2.1298

■ 86.2399, 87.0267,
91.6384

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.



51.6522, 33.1550, 40.3698



49.5272, 33.1550, 19.1184



42.2507, 33.1550, 9.0835

Triad

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



49.5272, 33.1550, 19.1184



19.5260, 33.1550, 14.8255



30.0989, 33.1550, 109.5183

Complementary

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



49.5272, 33.1550, 19.1184



59.3591, 81.6739, 103.9093

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.



22.7684, 33.1550, 92.5585



49.5272, 33.1550, 19.1184



17.4354, 33.1550, 32.1427

Square

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



49.5272, 33.1550, 19.1184



24.8298, 33.1550, 7.5414



18.5010, 33.1550, 60.9788



39.2988, 33.1550, 100.4762

Rectangle

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



49.5272, 33.1550, 19.1184



36.0696, 33.1550, 6.5373



18.5010, 33.1550, 60.9788



27.3570, 33.1550, 106.5067

Sweetspot

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



49.5280, 33.1568, 19.1190



76.6844, 72.9675, 72.8783



62.8736, 38.2894, 98.6841



16.0112, 15.0264, 14.8077



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.



49.5280, 33.1568, 19.1190



45.6331, 27.4966, 11.2545



59.5912, 53.6311, 21.4009



18.0294, 17.9951, 18.7719



21.5772, 11.1202, 1.1583



2.1076, 1.0854, 0.1481

Inverse Universe

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



49.5280, 33.1568, 19.1190



45.6331, 27.4966, 11.2545



41.8795, 45.6969, 101.2204



18.0294, 17.9951, 18.7719



21.5772, 11.1202, 1.1583



2.1076, 1.0854, 0.1481

Previews

White Background



This preview shows how the XYZ color 49.5272, 33.1550, 19.1184 looks on a white background.

Color Contrast Check

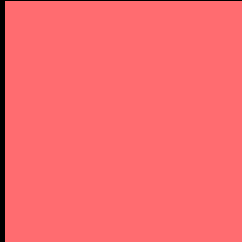
Large Text (above 18pt) WCAG AA × Fail

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 49.5272, 33.1550, 19.1184 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 49.5272, 33.1550, 19.1184

Background



This preview shows how black text looks on a background with the XYZ color 49.5272, 33.1550, 19.1184.



This preview shows how white text looks on a background with the XYZ color 49.5272, 33.1550,

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

49.5272, 33.1550, 19.1184

Protanopia

31.5014, 33.3907, 27.3390

Deuteranopia

33.7908, 33.0796, 17.9686



Tritanopia

49.6971, 33.2229, 20.0130

Trichromacy



Original Color

49.5272, 33.1550, 19.1184

Protanomaly

36.0245, 31.8419, 23.9861

Deuteranomaly

38.3832, 32.1300, 18.3660

Tritanomaly

49.6398, 33.2000, 19.7115

Monochromacy



Original Color

49.5272, 33.1550, 19.1184

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

34.3058, 30.2333, 27.6944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5272, 33.1550, 19.1184 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, 108, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 112)  
}
```

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, 108, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 112) }
```

Border

The CSS property to change the border of an element to XYZ 49.5272, 33.1550, 19.1184 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, 108, 112) }
```


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

```
.border{ border-color:rgb(255, 108, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5272, 33.1550, 19.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 112) }
```

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

```
.background{ background-color: rgb(255,  
108, 112) }
```

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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