

Converting Colors

XYZ(60.9694, 39.4272, 19.8817)

Have a look what the booklet for
XYZ(60.9694, 39.4272, 19.8817)
contains.

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Color

**XYZ(49.7966, 33.6041,
19.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6E71
RGB	255, 110, 113
RGB Percent	100%, 43%, 44%
CMY	0.0000, 0.5686, 0.5569
CMYK	0.00, 0.57, 0.56, 0.00
HSL	359°, 100%, 72%
HSV	359°, 57%, 100%
XYZ	49.7966, 33.6041, 19.4845
YIQ	153.6970, 85.4570, 31.6730

Conversions

Conversions Part 2

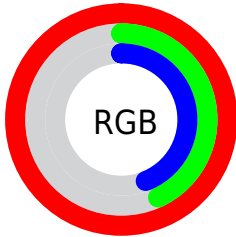
Format	Color
R_{YB}	255, 110, 113
Decimal	16739953
CIE _{Lab}	64.65, 55.46, 26.34
CIE _{LCh}	65, 61.400, 25.406
Yxy	33.6041, 0.4840, 0.3266
Android (android.graphics.Color)	4294930033 (0xFFFF6E71)
YUV	153.6970, -20.0636, 88.8427
Hunter-Lab	57.9690, 51.8893, 20.6498

Details

The XYZ color **49.7966, 33.6041, 19.4845** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.7632, 81.8640, 104.7529**, and the grayscale version is **30.6425, 32.2383, 35.1075**.

A 20% lighter version of the original color is **61.6677, 51.2490, 42.2391**, and **24.2656, 14.3574, 6.4934** is the 20% darker color. If you saturate the color by 10%, you get **46.2124, 28.3849, 12.2816**, and if you desaturate by 10%, it is **54.5606, 40.5644, 28.9892**.

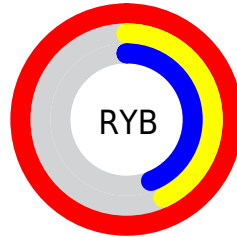
Distribution



Red (100%)

Green (43%)

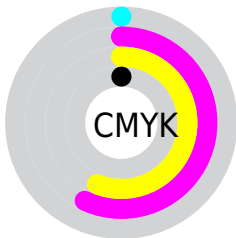
Blue (44%)



Red (100%)

Yellow (43%)

Blue (44%)

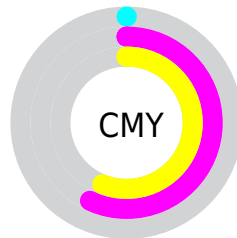


Cyan (0%)

Magenta (57%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7966, 33.6041, 19.4845 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 49.7966, 33.6041, 19.4845 by changing the saturation by 10% instead.


 49.7966, 33.6041,
19.4845

 49.7966, 33.6041,
19.4845


376.3351,
318.3631, 261.6219

 35.4689, 22.5896,
11.8405


 89.0671, 65.3175,
43.3988


 24.1925, 14.2908,
6.5140


 114.7406, 86.7853,
60.5061

 15.6020, 8.3232,
3.0863


 144.9268,
112.5063, 81.6050

 9.3320, 4.3024,
1.1388

 179.9910,
142.8648, 107.1141

 5.0172, 1.8441,
0.0000

220.2986,
178.2454, 137.4517

 2.2922, 0.5145,
0.0000

266.2149,

 0.7907, 0.0000,

219.0324, 173.0365

0.0000

318.1053,
265.6102, 214.2871

■ 0.0000, 0.0000,
0.0000

■ 49.7966, 33.6041,
19.4845

■ 49.7966, 33.6041,
19.4845

■ 46.2124, 28.3849,
12.2816

■ 54.5606, 40.5644,
28.9892

■ 43.7030, 24.7482,
7.1840

■ 60.5925, 49.3952,
40.9667

■ 42.1491, 22.5166,
3.9651

■ 67.9748, 60.2199,
55.5739

■ 41.4001, 21.4631,
2.3451

■ 76.7825, 73.1499,
72.9539

■ 41.2687, 21.2715,
2.0818

■ 87.0849, 88.2885,
93.2399

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



51.9547, 33.6041, 40.6104



49.7966, 33.6041, 19.4845



42.5447, 33.6041, 9.4348

Triad

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



49.7966, 33.6041, 19.4845



19.9349, 33.6041, 15.3922



30.6032, 33.6041, 109.2917

Complementary

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



49.7966, 33.6041, 19.4845



59.7632, 81.8640, 104.7529

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.



23.2620, 33.6041, 92.7525



49.7966, 33.6041, 19.4845



17.8653, 33.6041, 32.8426

Square

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



49.7966, 33.6041, 19.4845



25.2148, 33.6041, 7.9477



18.9612, 33.6041, 61.5733



39.7651, 33.6041, 100.1591

Rectangle

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



49.7966, 33.6041, 19.4845



36.3968, 33.6041, 6.8716



18.9612, 33.6041, 61.5733



27.8622, 33.6041, 106.3970

Sweetspot

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



49.7974, 33.6059, 19.4851



76.6486, 72.9532, 72.6898



63.1109, 38.7285, 98.7565



16.0029, 15.0230, 14.7639



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.



49.7974, 33.6059, 19.4851



45.8740, 27.8932, 11.5977



59.9098, 54.0960, 22.0383



18.0246, 17.9931, 18.7466



21.5704, 11.1175, 1.1223



2.1053, 1.0845, 0.1361

Inverse Universe

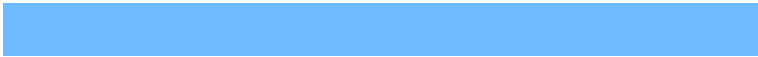
The Inverse Universe completely reimagines the original color for something new.



49.7974, 33.6059, 19.4851



45.8740, 27.8932, 11.5977



42.3234, 46.2194, 101.2980



18.0246, 17.9931, 18.7466



21.5704, 11.1175, 1.1223



2.1053, 1.0845, 0.1361

Previews

White Background



This preview shows how the XYZ color 49.7966, 33.6041, 19.4845 looks on a white background.

Color Contrast Check

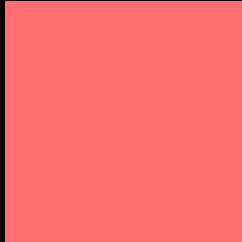
Large Text (above 18pt) WCAG AA × Fail

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 49.7966, 33.6041, 19.4845 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 49.7966, 33.6041, 19.4845

Background



This preview shows how black text looks on a background with the XYZ color 49.7966, 33.6041, 19.4845.



This preview shows how white text looks on a background with the XYZ color 49.7966, 33.6041,

19.4845.

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

49.7966, 33.6041, 19.4845

Protanopia

31.8771, 33.8345, 27.4049

Deuteranopia

34.2469, 33.5447, 18.3054



Tritanopia

50.0268, 33.6962, 20.6969

Trichromacy



Original Color

49.7966, 33.6041, 19.4845

Protanomaly

36.4327, 32.2683, 24.0469

Deuteranomaly

38.5757, 32.4291, 18.6943

Tritanomaly

49.9683, 33.6728, 20.3889

Monochromacy



Original Color

49.7966, 33.6041, 19.4845

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.2345, 31.1174, 28.5753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7966, 33.6041, 19.4845 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, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 113)  
}
```

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, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 113) }
```

Border

The CSS property to change the border of an element to XYZ 49.7966, 33.6041, 19.4845 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, 110, 113) }
```


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

```
.border{ border-color:rgb(255, 110, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 110, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 110, 113); box-shadow:4px 4px 4px 4px rgb(255, 110, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7966, 33.6041, 19.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 113) }
```

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

```
.background{ background-color: rgb(255,  
110, 113) }
```

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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