

Converting Colors

XYZ(49.5570, 34.0472, 17.9419)

Have a look what the booklet for
XYZ(49.5570, 34.0472, 17.9419)
contains.

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Color

**XYZ(49.4320, 33.9426,
17.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	FE716B
RGB	254, 113, 107
RGB Percent	100%, 44%, 42%
CMY	0.0039, 0.5568, 0.5804
CMYK	0.00, 0.56, 0.58, 0.00
HSL	2°, 99%, 71%
HSV	2°, 58%, 100%
XYZ	49.4320, 33.9426, 17.8561
YIQ	154.4750, 85.9620, 28.0260

Conversions

Conversions Part 2

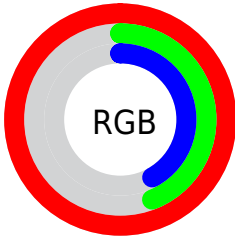
Format	Color
R_{YB}	254, 113, 107
Decimal	16675179
CIE _{Lab}	64.92, 53.31, 30.04
CIE _{LCh}	65, 61.193, 29.399
Yxy	33.9426, 0.4883, 0.3353
Android (android.graphics.Color)	4294865259 (0xFFFE716B)
YUV	154.4750, -23.4052, 87.2834
Hunter-Lab	58.2603, 49.4961, 22.6105

Details

The XYZ color **49.4320, 33.9426, 17.8561** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.5177, 77.4113, 105.6758**, and the grayscale version is **30.9985, 32.6128, 35.5154**.

A 20% lighter version of the original color is **61.5995, 52.1046, 39.1583**, and **24.0669, 14.5588, 5.8166** is the 20% darker color. If you saturate the color by 10%, you get **45.9237, 28.7600, 11.0340**, and if you desaturate by 10%, it is **54.0636, 40.7445, 26.9889**.

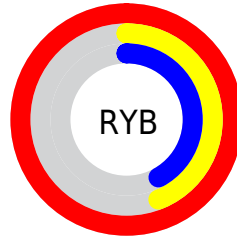
Distribution



Red (100%)

Green (44%)

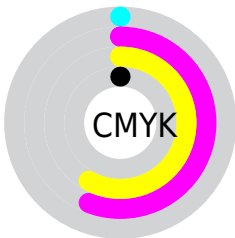
Blue (42%)



Red (100%)

Yellow (44%)

Blue (42%)

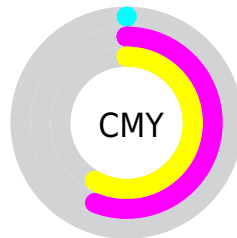


Cyan (0%)

Magenta (56%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4320, 33.9426, 17.8561 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 49.4320, 33.9426, 17.8561 by changing the saturation by 10% instead.


 49.4320, 33.9426,
17.8561


 49.4320, 33.9426,
17.8561

374.9293,
319.8760, 252.2675


 35.1782, 22.8495,
10.6784

 88.5296, 65.8444,
40.6026


 23.9674, 14.4824,
5.7395


 114.1041, 87.4219,
57.0084

 15.4340, 8.4570,
2.6211


 144.1830,
113.2630, 77.3273

 9.2128, 4.3887,
0.9033

 179.1315,
143.7520, 101.9779

 4.9385, 1.8933,
0.0000

219.3151,
179.2735, 131.3787

 2.2456, 0.5443,
0.0000

265.0990,

 0.7666, 0.0000,

220.2117, 165.9482

0.0000

316.8486,
266.9511, 206.1049

■ 0.0000, 0.0000,
0.0000

■ 49.4320, 33.9426,
17.8561

■ 49.4320, 33.9426,
17.8561

■ 45.9237, 28.7600,
11.0340

■ 54.0636, 40.7445,
26.9889

■ 43.4411, 25.0572,
6.3141

■ 59.9005, 49.2789,
38.6126

■ 41.8738, 22.6810,
3.4535

■ 67.0198, 59.6555,
52.8917

■ 41.0813, 21.4403,
2.1283

■ 75.4914, 71.9731,
69.9760

■ 40.9855, 21.2961,
1.9504

■ 85.3804, 86.3237,
90.0044

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



52.3944, 33.9426, 37.4699



49.4320, 33.9426, 17.8561



41.7006, 33.9426, 8.9133

Triad

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



49.4320, 33.9426, 17.8561



19.7416, 33.9426, 17.3178



32.0837, 33.9426, 110.0338

Complementary

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



49.4320, 33.9426, 17.8561



57.5177, 77.4113, 105.6758

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.



24.3664, 33.9426, 96.6091



49.4320, 33.9426, 17.8561



18.0863, 33.9426, 36.4502

Square

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



49.4320, 33.9426, 17.8561



24.6230, 33.9426, 8.7172



19.6135, 33.9426, 66.3399



41.3357, 33.9426, 97.5799

Rectangle

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



49.4320, 33.9426, 17.8561



35.4872, 33.9426, 6.8034



19.6135, 33.9426, 66.3399



29.2373, 33.9426, 108.3305

Sweetspot

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



49.4328, 33.9444, 17.8567



76.9800, 73.7967, 72.2430



63.2450, 38.4321, 93.7887



16.0798, 15.2187, 14.6604



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.



49.4328, 33.9444, 17.8567



46.0002, 28.5194, 10.4870



60.9595, 56.9978, 21.6989



18.0689, 18.1060, 18.6868



21.6336, 11.2785, 1.0367



2.1264, 1.1382, 0.1076

Inverse Universe

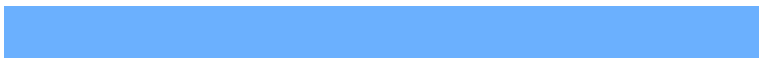
The Inverse Universe completely reimagines the original color for something new.



57.5177, 77.4113, 105.6758



54.7873, 75.9019, 106.3707



39.3999, 41.1757, 99.6366



18.4875, 20.3466, 23.2028



26.4546, 37.8188, 55.3400



2.5948, 3.7203, 5.3946

Previews

White Background



This preview shows how the XYZ color 49.4320, 33.9426, 17.8561 looks on a white background.

Color Contrast Check

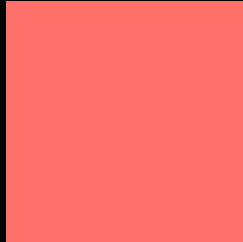
Large Text (above 18pt) WCAG AA × Fail

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 49.4320, 33.9426, 17.8561 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 49.4320, 33.9426, 17.8561

Background



This preview shows how black text looks on a background with the XYZ color 49.4320, 33.9426, 17.8561.



This preview shows how white text looks on a background with the XYZ color 49.4320, 33.9426,

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

49.4320, 33.9426, 17.8561

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

34.6021, 34.0005, 16.7956



Tritanopia

50.2542, 33.9608, 21.3592

Trichromacy



Original Color

49.4320, 33.9426, 17.8561

Protanomaly

36.5560, 32.8200, 21.8610

Deuteranomaly

38.8344, 33.0167, 17.1580

Tritanomaly

50.1287, 34.0861, 20.1569

Monochromacy



Original Color

49.4320, 33.9426, 17.8561

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.9832, 31.2185, 27.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4320, 33.9426, 17.8561 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(254, 113, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 107)  
}
```

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(254, 113, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 107) }
```

Border

The CSS property to change the border of an element to XYZ 49.4320, 33.9426, 17.8561 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(254, 113, 107) }
```


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

```
.border{ border-color:rgb(254, 113, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4320, 33.9426, 17.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 107) }
```

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

```
.background{ background-color: rgb(254,  
113, 107) }
```

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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