

Converting Colors

XYZ(49.8844, 34.2942, 17.9278)

Have a look what the booklet for
XYZ(49.8844, 34.2942, 17.9278)
contains.

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Color

**XYZ(49.9112, 34.3562,
17.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	FF726B
RGB	255, 114, 107
RGB Percent	100%, 45%, 42%
CMY	0.0000, 0.5529, 0.5804
CMYK	0.00, 0.55, 0.58, 0.00
HSL	3°, 100%, 71%
HSV	3°, 58%, 100%
XYZ	49.9112, 34.3562, 17.9107
YIQ	155.3610, 86.2830, 27.7150

Conversions

Conversions Part 2

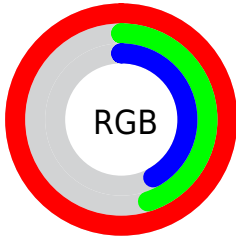
Format	Color
R _Y B	255, 114, 107
Decimal	16740971
CIE Lab	65.24, 53.20, 30.49
CIE LCh	65, 61.317, 29.821
Yxy	34.3562, 0.4885, 0.3362
Android (android.graphics.Color)	4294931051 (0xFFFF726B)
YUV	155.3610, -23.8420, 87.3834
Hunter-Lab	58.6142, 49.4217, 22.9127

Details

The XYZ color **49.9112, 34.3562, 17.9107** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.6783, 77.4756, 106.5217**, and the grayscale version is **31.3926, 33.0274, 35.9669**.

A 20% lighter version of the original color is **61.7863, 52.4781, 39.2205**, and **24.3457, 14.7812, 5.7076** is the 20% darker color. If you saturate the color by 10%, you get **46.3762, 29.1261, 11.0610**, and if you desaturate by 10%, it is **54.5708, 41.2031, 27.0867**.

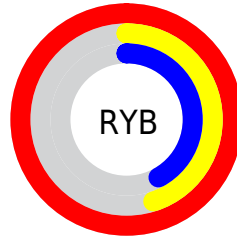
Distribution



Red (100%)

Green (45%)

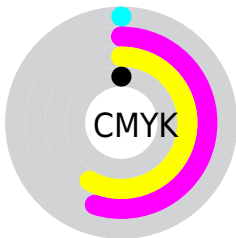
Blue (42%)



Red (100%)

Yellow (45%)

Blue (42%)

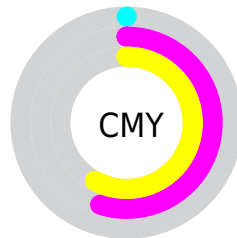


Cyan (0%)

Magenta (55%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9112, 34.3562, 17.9107 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 49.9112, 34.3562, 17.9107 by changing the saturation by 10% instead.


 49.9112, 34.3562,
17.9107


 49.9112, 34.3562,
17.9107


376.7763,
321.7174, 252.5864


 35.5604, 23.1674,
10.7171


 89.2359, 66.4872,
40.6970


 24.2634, 14.7171,
5.7652


 114.9405, 88.1982,
57.1268

 15.6549, 8.6211,
2.6364


 145.1603,
114.1853, 77.4724

 9.3696, 4.4949,
0.9111

 180.2608,
144.8330, 102.1523

 5.0421, 1.9541,
0.0000

220.6073,
180.5257, 131.5851

 2.3070, 0.5806,
0.0000

266.5651,

 0.7982, 0.0000,

221.6477, 166.1894

0.0000

318.4997,
268.5835, 206.3837

■ 0.0000, 0.0000,
0.0000

■ 49.9112, 34.3562,
17.9107

■ 49.9112, 34.3562,
17.9107

■ 46.3762, 29.1261,
11.0610

■ 54.5708, 41.2031,
27.0867

■ 43.8684, 25.3749,
6.3272

■ 60.4366, 49.7789,
38.7711

■ 42.2781, 22.9512,
3.4638

■ 67.5855, 60.1921,
53.1296

■ 41.4652, 21.6668,
2.1403

■ 76.0873, 72.5408,
70.3136

■ 41.3722, 21.5247,
1.9741

■ 86.0066, 86.9162,
90.4631

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.



52.9860, 34.3562, 37.5616



49.9112, 34.3562, 17.9107



42.0586, 34.3562, 8.9843

Triad

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



49.9112, 34.3562, 17.9107



19.9577, 34.3562, 17.7486



32.6010, 34.3562, 111.1735

Complementary

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



49.9112, 34.3562, 17.9107



57.6783, 77.4756, 106.5217

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.



24.7685, 34.3562, 97.9707



49.9112, 34.3562, 17.9107



18.3298, 34.3562, 37.2549

Square

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



49.9112, 34.3562, 17.9107



24.8457, 34.3562, 8.9252



19.9192, 34.3562, 67.5412



41.9489, 34.3562, 98.2624

Rectangle

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



49.9112, 34.3562, 17.9107



35.7806, 34.3562, 6.8969



19.9192, 34.3562, 67.5412



29.7161, 34.3562, 109.5834

Sweetspot

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



49.9120, 34.3581, 17.9113



77.0509, 73.9386, 72.2667



63.7633, 38.6818, 94.6026



16.0962, 15.2516, 14.6659



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.



49.9120, 34.3581, 17.9113



45.8067, 28.2782, 9.9729



61.4386, 57.4113, 21.7535



18.0783, 18.1249, 18.6900



21.6471, 11.3054, 1.0412



2.1309, 1.1472, 0.1091

Inverse Universe

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



57.6783, 77.4756, 106.5217



54.1931, 75.0224, 106.2322



39.6519, 41.4228, 100.5129



18.4768, 20.3253, 23.1993



26.1993, 37.3081, 55.2549



2.5728, 3.6762, 5.3873

Previews

White Background



This preview shows how the XYZ color 49.9112, 34.3562, 17.9107 looks on a white background.

Color Contrast Check

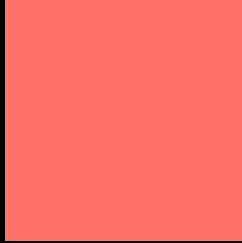
Large Text (above 18pt) WCAG AA × Fail

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 49.9112, 34.3562, 17.9107 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 49.9112, 34.3562, 17.9107

Background



This preview shows how black text looks on a background with the XYZ color 49.9112, 34.3562, 17.9107.



This preview shows how white text looks on a background with the XYZ color 49.9112, 34.3562,

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

49.9112, 34.3562, 17.9107

Protanopia

32.3549, 34.3951, 24.6723

Deuteranopia

35.2667, 34.5830, 16.8730



Tritanopia

50.5353, 34.4263, 21.7507

Trichromacy



Original Color

49.9112, 34.3562, 17.9107

Protanomaly

36.8222, 32.9573, 21.8734

Deuteranomaly

39.5610, 33.6033, 17.2330

Tritanomaly

50.2396, 34.3081, 20.1939

Monochromacy



Original Color

49.9112, 34.3562, 17.9107

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.4514, 31.6675, 28.2887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9112, 34.3562, 17.9107 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, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 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(255, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 107) }
```

Border

The CSS property to change the border of an element to XYZ 49.9112, 34.3562, 17.9107 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, 114, 107) }
```


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

```
.border{ border-color:rgb(255, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9112, 34.3562, 17.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 107) }
```

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

```
.background{ background-color: rgb(255,  
114, 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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