

Converting Colors

XYZ(50.2322, 34.5391, 19.4330)

Have a look what the booklet for
XYZ(50.2322, 34.5391, 19.4330)
contains.

XYZ(50.1819, 34.4645, 19.3367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.1819, 34.4645,
19.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7270
RGB	255, 114, 112
RGB Percent	100%, 45%, 44%
CMY	0.0000, 0.5529, 0.5608
CMYK	0.00, 0.55, 0.56, 0.00
HSL	1°, 100%, 72%
HSV	1°, 56%, 100%
XYZ	50.1819, 34.4645, 19.3367
YIQ	155.9310, 84.6780, 29.2700

Conversions

Conversions Part 2

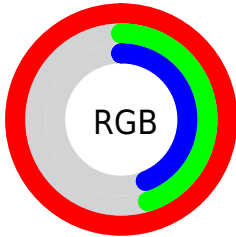
Format	Color
R _Y B	255, 114, 112
Decimal	16740976
CIE Lab	65.33, 53.56, 27.81
CIE LCh	65, 60.345, 27.437
Yxy	34.4645, 0.4826, 0.3314
Android (android.graphics.Color)	4294931056 (0xFFFF7270)
YUV	155.9310, -21.6580, 86.8835
Hunter-Lab	58.7065, 49.8443, 21.5656

Details

The XYZ color **50.1819, 34.4645, 19.3367** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.8547, 80.9099, 107.0696**, and the grayscale version is **31.6375, 33.2851, 36.2475**.

A 20% lighter version of the original color is **62.3156, 52.6898, 42.0077**, and **24.4817, 14.8356, 6.4237** is the 20% darker color. If you saturate the color by 10%, you get **46.5010, 29.0625, 12.0691**, and if you desaturate by 10%, it is **55.0456, 41.5893, 28.9821**.

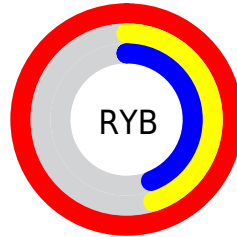
Distribution



Red (100%)

Green (45%)

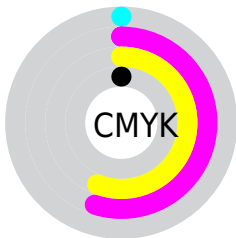
Blue (44%)



Red (100%)

Yellow (45%)

Blue (44%)

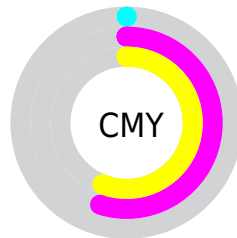


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1819, 34.4645, 19.3367 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 50.1819, 34.4645, 19.3367 by changing the saturation by 10% instead.


 50.1819, 34.4645,
19.3367


 50.1819, 34.4645,
19.3367

377.8171,
322.1983, 260.7857

 35.7763, 23.2507,
11.7346


 89.6345, 66.6554,
43.1465


 24.4308, 14.7787,
6.4429


 115.4123, 88.4012,
60.1913

 15.7800, 8.6642,
3.0431


 145.7116,
114.4264, 81.2207

 9.4584, 4.5228,
1.1167

 180.8976,
145.1155, 106.6532

 5.1009, 1.9701,
0.0000

221.3359,
180.8529, 136.9074

 2.3419, 0.5900,
0.0000

267.3916,

 0.8160, 0.0000,

222.0229, 172.4019

0.0000

319.4302,
269.0099, 213.5551

■ 0.0000, 0.0000,
0.0000

■ 50.1819, 34.4645,
19.3367

■ 50.1819, 34.4645,
19.3367

■ 46.5010, 29.0625,
12.0691

■ 55.0456, 41.5893,
28.9821

■ 43.9000, 25.2327,
6.9717

■ 61.1786, 50.5600,
41.1854

■ 42.2625, 22.8080,
3.8043

■ 68.6622, 61.4948,
56.1113

■ 41.4442, 21.5810,
2.2684

■ 77.5701, 74.5004,
73.9105

■ 41.2786, 21.3376,
1.9429

■ 87.9710, 89.6759,
94.7223

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



52.7299, 34.4645, 39.7348



50.1819, 34.4645, 19.3367



42.7322, 34.4645, 9.7134

Triad

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



50.1819, 34.4645, 19.3367



20.4686, 34.4645, 17.0234



32.0067, 34.4645, 109.7151

Complementary

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



50.1819, 34.4645, 19.3367



59.8547, 80.9099, 107.0696

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.



24.4700, 34.4645, 94.9577



50.1819, 34.4645, 19.3367



18.5974, 34.4645, 35.4006

Square

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



50.1819, 34.4645, 19.3367



25.5648, 34.4645, 8.8596



19.9206, 34.4645, 64.5682



41.1867, 34.4645, 99.0384

Rectangle

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



50.1819, 34.4645, 19.3367



36.5767, 34.4645, 7.3201



19.9206, 34.4645, 64.5682



29.2138, 34.4645, 107.4580

Sweetspot

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



50.1827, 34.4664, 19.3373



76.6877, 73.2122, 72.1456



65.0839, 40.0684, 98.9108



16.0120, 15.0831, 14.6378



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.



50.1827, 34.4664, 19.3373



46.2179, 28.6460, 11.5116



61.2013, 56.5034, 23.0101



18.0298, 18.0279, 18.6738



21.5779, 11.1671, 1.0182



2.1078, 1.1011, 0.1014

Inverse Universe

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



59.8547, 80.9099, 107.0696



56.7191, 79.1107, 106.8882



41.7690, 44.7384, 101.0411



18.5317, 20.4351, 23.2176



27.5356, 39.9808, 55.7004



2.6878, 3.9063, 5.4256

Previews

White Background



This preview shows how the XYZ color 50.1819, 34.4645, 19.3367 looks on a white background.

Color Contrast Check

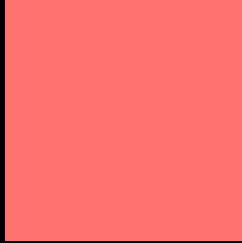
Large Text (above 18pt) WCAG AA × Fail

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 50.1819, 34.4645, 19.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

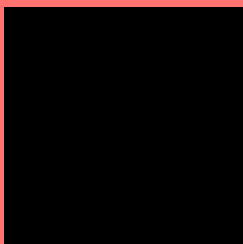
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1819, 34.4645, 19.3367

Background



This preview shows how black text looks on a background with the XYZ color 50.1819, 34.4645, 19.3367.



This preview shows how white text looks on a background with the XYZ color 50.1819, 34.4645,

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

50.1819, 34.4645, 19.3367

Protanopia

32.7114, 34.7870, 26.8203

Deuteranopia

35.3156, 34.5734, 18.4477



Tritanopia

50.5963, 34.4507, 22.0721

Trichromacy



Original Color

50.1819, 34.4645, 19.3367

Protanomaly

37.3435, 33.4049, 23.8816

Deuteranomaly

39.5268, 33.5558, 18.5810

Tritanomaly

50.4151, 34.3783, 21.1180

Monochromacy



Original Color

50.1819, 34.4645, 19.3367

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.9967, 32.1497, 29.1192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1819, 34.4645, 19.3367 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 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, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 112) }
```

Border

The CSS property to change the border of an element to XYZ 50.1819, 34.4645, 19.3367 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, 112) }
```


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

```
.border{ border-color:rgb(255, 114, 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, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1819, 34.4645, 19.3367 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, 112) }
```

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

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