

Converting Colors

XYZ(54.4290, 43.3772, 19.4630)

Have a look what the booklet for
XYZ(54.4290, 43.3772, 19.4630)
contains.

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Color

**XYZ(54.4837, 43.5013,
19.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	FF946B
RGB	255, 148, 107
RGB Percent	100%, 58%, 42%
CMY	0.0000, 0.4196, 0.5804
CMYK	0.00, 0.42, 0.58, 0.00
HSL	17°, 100%, 71%
HSV	17°, 58%, 100%
XYZ	54.4837, 43.5013, 19.4349
YIQ	175.3190, 76.9330, 9.9330

Conversions

Conversions Part 2

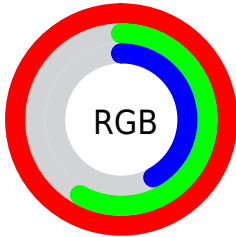
Format	Color
R _Y B	255, 164, 107
Decimal	16749675
CIE Lab	71.89, 36.50, 38.93
CIE LCh	72, 53.364, 46.851
Yxy	43.5013, 0.4640, 0.3705
Android (android.graphics.Color)	4294939755 (0xFFFF946B)
YUV	175.3190, -33.6813, 69.8802
Hunter-Lab	65.9555, 32.0309, 28.6981

Details

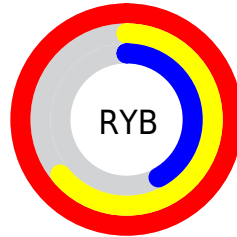
The XYZ color **54.4837, 43.5013, 19.4349** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.1584, 58.4357, 103.3482**, and the grayscale version is **41.0552, 43.1932, 47.0374**.

A 20% lighter version of the original color is **68.8539, 66.4751, 42.0029**, and **27.1947, 20.1406, 6.4572** is the 20% darker color. If you saturate the color by 10%, you get **50.6698, 37.7133, 12.4924**, and if you desaturate by 10%, it is **59.1557, 50.3730, 28.6153**.

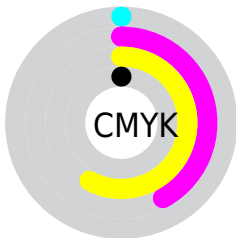
Distribution



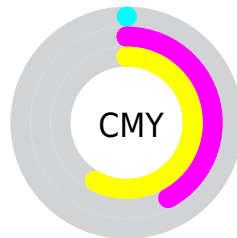
- Red (100%)
- Green (58%)
- Blue (42%)



- Red (100%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4837, 43.5013, 19.4349 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 54.4837, 43.5013, 19.4349 by changing the saturation by 10% instead.


 54.4837, 43.5013,
19.4349

 54.4837, 43.5013,
19.4349


394.1201,
360.6693, 261.3415


 39.2207, 30.2786,
11.8050


 95.9368, 80.4668,
43.3141


 27.1130, 20.0502,
6.4901


 122.8577,
104.9784, 60.4005

 17.7951, 12.4315,
3.0717


 154.3952,
134.0218, 81.4761

 10.9018, 7.0383,
1.1314

 190.9147,
167.9814, 106.9595

 6.0676, 3.4861,
0.0000

232.7816,
207.2415, 137.2692

 2.9273, 1.3904,
0.0000

280.3613,

 1.1154, 0.2097,

252.1866, 172.8237

0.0000

334.0190,
303.2011, 214.0417

■ 0.0380, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4837, 43.5013,
19.4349

■ 54.4837, 43.5013,
19.4349

■ 50.6698, 37.7133,
12.4924

■ 59.1557, 50.3730,
28.6153

■ 47.6531, 32.9444,
7.5889

■ 64.7346, 58.3749,
40.2040

■ 45.3689, 29.1329,
4.4942

■ 71.2688, 67.5587,
54.3577

■ 43.7339, 26.2043,
2.8965

■ 78.8024, 77.9711,
71.2190

■ 43.4710, 25.7223,
2.6737

■ 87.3765, 89.6558,
90.9200

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.



60.4238, 43.5013, 34.2908



54.4837, 43.5013, 19.4349



45.4500, 43.5013, 13.4382

Triad

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



54.4837, 43.5013, 19.4349



26.5599, 43.5013, 36.8700



46.6210, 43.5013, 113.2078

Complementary

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



54.4837, 43.5013, 19.4349



48.1584, 58.4357, 103.3482

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.



37.4980, 43.5013, 114.7098



54.4837, 43.5013, 19.4349



26.7780, 43.5013, 63.4015

Square

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



54.4837, 43.5013, 19.4349



29.8648, 43.5013, 20.7243



30.5118, 43.5013, 94.0540



55.4485, 43.5013, 90.4896

Rectangle

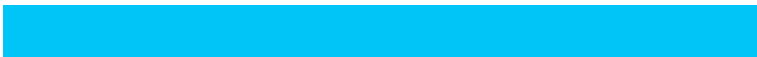
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



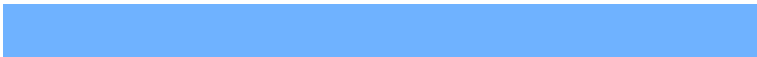
54.4837, 43.5013, 19.4349



39.2974, 43.5013, 13.0302



30.5118, 43.5013, 94.0540



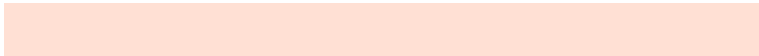
43.4660, 43.5013, 116.4401

Sweetspot

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



54.4847, 43.5035, 19.4357



79.6442, 79.1251, 73.1311



58.8320, 36.7093, 68.6347



16.7009, 16.4610, 14.8674



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.



54.4847, 43.5035, 19.4357



50.0173, 36.6995, 11.3765



69.6095, 73.7531, 24.4773



18.4190, 18.8061, 18.8035



22.8214, 13.6541, 1.4327



2.3090, 1.5034, 0.1685

Inverse Universe

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



48.1584, 58.4357, 103.3482



43.0318, 52.6999, 102.5118



33.7173, 29.5536, 98.5345



18.1044, 19.5804, 23.0751



18.5574, 22.0244, 52.7076



1.8987, 2.3281, 5.1626

Previews

White Background



This preview shows how the XYZ color 54.4837, 43.5013, 19.4349 looks on a white background.

Color Contrast Check

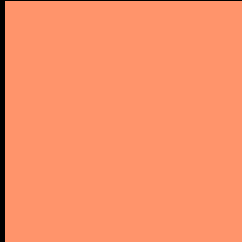
Large Text (above 18pt) WCAG AA × Fail

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 54.4837, 43.5013, 19.4349 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 54.4837, 43.5013, 19.4349

Background



This preview shows how black text looks on a background with the XYZ color 54.4837, 43.5013, 19.4349.



This preview shows how white text looks on a background with the XYZ color 54.4837, 43.5013,

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

54.4837, 43.5013, 19.4349

Protanopia

40.4780, 43.8287, 23.4659

Deuteranopia

44.6605, 43.8023, 18.9328



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

54.4837, 43.5013, 19.4349



Protanomaly

44.4050, 42.7835, 21.8372



Deuteranomaly

47.8767, 43.3122, 18.9334



Tritanomaly

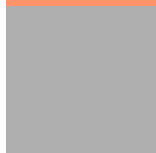
55.8808, 43.3169, 29.0827

Monochromacy



Original Color

54.4837, 43.5013, 19.4349



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.8620, 41.9496, 34.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4837, 43.5013, 19.4349 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, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 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, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 107) }
```

Border

The CSS property to change the border of an element to XYZ 54.4837, 43.5013, 19.4349 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, 148, 107) }
```


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

```
.border{ border-color:rgb(255, 148, 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, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4837, 43.5013, 19.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 107) }
```

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

```
.background{ background-color: rgb(255,  
148, 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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