

Converting Colors

XYZ(54.8430, 43.8752, 20.6176)

Have a look what the booklet for
XYZ(54.8430, 43.8752, 20.6176)
contains.

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Color

**XYZ(54.8567, 43.9026,
20.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	FF956F
RGB	255, 149, 111
RGB Percent	100%, 58%, 44%
CMY	0.0000, 0.4157, 0.5647
CMYK	0.00, 0.42, 0.56, 0.00
HSL	16°, 100%, 72%
HSV	16°, 56%, 100%
XYZ	54.8567, 43.9026, 20.6217
YIQ	176.3620, 75.3740, 10.6540

Conversions

Conversions Part 2

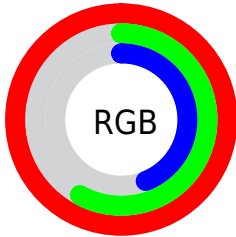
Format	Color
R _Y B	255, 163, 111
Decimal	16749935
CIE Lab	72.16, 36.28, 37.15
CIE LCh	72, 51.927, 45.679
Yxy	43.9026, 0.4595, 0.3678
Android (android.graphics.Color)	4294940015 (0xFFFF956F)
YUV	176.3620, -32.2235, 68.9655
Hunter-Lab	66.2590, 31.8291, 27.9286

Details

The XYZ color **54.8567, 43.9026, 20.6217** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.4168, 60.2220, 103.6268**, and the grayscale version is **41.5925, 43.7585, 47.6530**.

A 20% lighter version of the original color is **69.4437, 67.0901, 43.9399**, and **27.3923, 20.3665, 7.0448** is the 20% darker color. If you saturate the color by 10%, you get **50.9138, 37.9524, 13.3412**, and if you desaturate by 10%, it is **59.6810, 50.9748, 30.1734**.

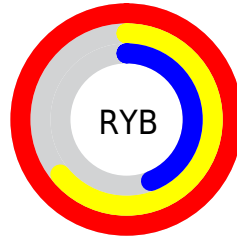
Distribution



Red (100%)

Green (58%)

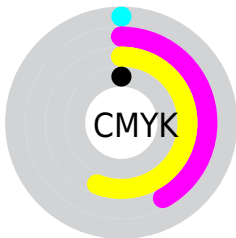
Blue (44%)



Red (100%)

Yellow (64%)

Blue (44%)

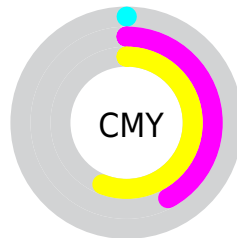


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8567, 43.9026, 20.6217 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 54.8567, 43.9026, 20.6217 by changing the saturation by 10% instead.


 54.8567, 43.9026,
20.6217

 54.8567, 43.9026,
20.6217


395.5138,
362.3107, 267.9758

 39.5204, 30.5939,
12.6592

 96.4805, 81.0712,
45.3297


 27.3473, 20.2898,
7.0663


 123.4987,
105.6999, 62.9122

 17.9722, 12.6059,
3.4246


 155.1416,
134.8707, 84.5386

 11.0296, 7.1577,
1.3153

 191.7746,
168.9680, 110.6272

 6.1542, 3.5609,
0.0743

233.7629,
208.3763, 141.5968

 2.9806, 1.4311,
0.0000

281.4720,

 1.1435, 0.2395,

253.4799, 177.8657

0.0000

335.2671,
304.6632, 219.8525

■ 0.0611, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8567, 43.9026,
20.6217

■ 54.8567, 43.9026,
20.6217

■ 50.9138, 37.9524,
13.3412

■ 59.6810, 50.9748,
30.1734

■ 47.7911, 33.0575,
8.1370

■ 65.4358, 59.2172,
42.1643

■ 45.4238, 29.1542,
4.7848

■ 72.1703, 68.6834,
56.7490

■ 43.7332, 26.1677,
3.0044

■ 79.9290, 79.4216,
74.0688

■ 43.2650, 25.3103,
2.6051

■ 88.7536, 91.4773,
94.2546

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.



60.4590, 43.9026, 35.7477



54.8567, 43.9026, 20.6217



46.1038, 43.9026, 14.3133

Triad

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



54.8567, 43.9026, 20.6217



27.2515, 43.9026, 36.6800



46.5237, 43.9026, 112.1826

Complementary

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



54.8567, 43.9026, 20.6217



49.4168, 60.2220, 103.6268

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.



37.6384, 43.9026, 112.7143



54.8567, 43.9026, 20.6217



27.3306, 43.9026, 62.3018

Square

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



54.8567, 43.9026, 20.6217



30.6474, 43.9026, 21.0942



30.8815, 43.9026, 92.1152



55.2016, 43.9026, 90.8493

Rectangle

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



54.8567, 43.9026, 20.6217



40.0581, 43.9026, 13.7472



30.8815, 43.9026, 92.1152



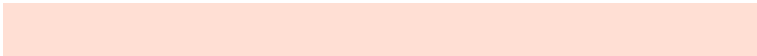
43.4439, 43.9026, 115.0004

Sweetspot

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



54.8578, 43.9049, 20.6225



79.4917, 78.8201, 73.0803



59.7106, 37.7436, 71.1560



16.6652, 16.3896, 14.8555



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.



54.8578, 43.9049, 20.6225



50.3845, 37.1366, 12.4156



69.4407, 73.0707, 25.4835



18.3992, 18.7666, 18.7969



22.7099, 13.4310, 1.3955



2.2959, 1.4771, 0.1641

Inverse Universe

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



49.4168, 60.2220, 103.6268



44.3529, 54.7118, 102.8305



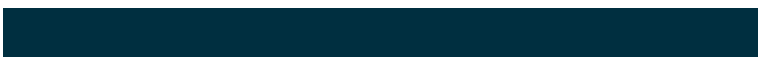
35.0395, 31.4673, 98.8343



18.1254, 19.6224, 23.0821



18.9229, 22.7554, 52.8295



1.9318, 2.3943, 5.1736

Previews

White Background



This preview shows how the XYZ color 54.8567, 43.9026, 20.6217 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 54.8567, 43.9026, 20.6217 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 54.8567, 43.9026, 20.6217

Background



This preview shows how black text looks on a background with the XYZ color 54.8567, 43.9026, 20.6217.



This preview shows how white text looks on a background with the XYZ color 54.8567, 43.9026,

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

54.8567, 43.9026, 20.6217

Protanopia

40.9732, 44.0559, 24.7565

Deuteranopia

44.8661, 43.8845, 20.0158



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

54.8567, 43.9026, 20.6217

Protanomaly

45.1131, 43.3925, 23.1374

Deuteranomaly

48.2602, 43.7464, 20.0877

Tritanomaly

56.1791, 43.6818, 29.8966

Monochromacy



Original Color

54.8567, 43.9026, 20.6217

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.4806, 42.5186, 35.5683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8567, 43.9026, 20.6217 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, 149, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 111)  
}
```

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, 149, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 111) }
```

Border

The CSS property to change the border of an element to XYZ 54.8567, 43.9026, 20.6217 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, 149, 111) }
```


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

```
.border{ border-color:rgb(255, 149, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8567, 43.9026, 20.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 111) }
```

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

```
.background{ background-color: rgb(255,  
149, 111) }
```

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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