

Converting Colors

XYZ(56.8861, 45.5604, 17.5558)

Have a look what the booklet for
XYZ(56.8861, 45.5604, 17.5558)
contains.

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Color

**XYZ(54.5587, 44.2941,
17.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9763
RGB	255, 151, 99
RGB Percent	100%, 59%, 39%
CMY	0.0000, 0.4078, 0.6118
CMYK	0.00, 0.41, 0.61, 0.00
HSL	20°, 100%, 69%
HSV	20°, 61%, 100%
XYZ	54.5587, 44.2941, 17.4784
YIQ	176.1680, 78.6760, 5.8760

Conversions

Conversions Part 2

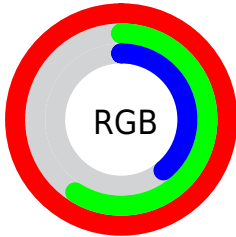
Format	Color
R_{YB}	255, 177, 99
Decimal	16750435
CIE _{Lab}	72.42, 34.40, 43.76
CIE _{LCh}	72, 55.662, 51.831
Yxy	44.2941, 0.4690, 0.3808
Android (android.graphics.Color)	4294940515 (0xFFFF9763)
YUV	176.1680, -38.0438, 69.1357
Hunter-Lab	66.5538, 29.8595, 31.0169

Details

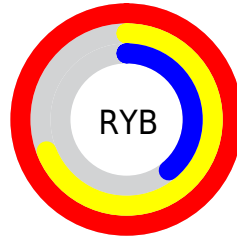
The XYZ color **54.5587, 44.2941, 17.4784** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.5500, 52.5813, 102.4083**, and the grayscale version is **41.5192, 43.6815, 47.5691**.

A 20% lighter version of the original color is **68.8972, 67.6370, 38.7021**, and **27.2857, 20.6233, 5.5602** is the 20% darker color. If you saturate the color by 10%, you get **50.9853, 38.8002, 11.1928**, and if you desaturate by 10%, it is **58.9134, 50.7354, 25.9233**.

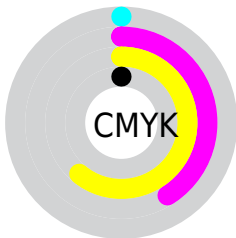
Distribution



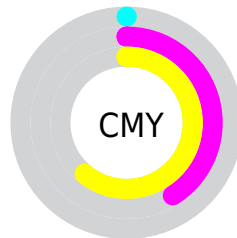
- Red (100%)
- Green (59%)
- Blue (39%)



- Red (100%)
- Yellow (69%)
- Blue (39%)



- Cyan (0%)
- Magenta (41%)
- Yellow (61%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5587, 44.2941, 17.4784 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 54.5587, 44.2941, 17.4784 by changing the saturation by 10% instead.


 54.5587, 44.2941,
17.4784


 54.5587, 44.2941,
17.4784


394.4006,
363.9071, 250.0510


 39.2810, 30.9018,
10.4106

 96.0462, 81.6601,
39.9484


 27.1601, 20.5241,
5.5629


 122.9866,
106.4026, 56.1876

 17.8307, 12.7766,
2.5167


 154.5454,
135.6973, 76.3211

 10.9274, 7.2749,
0.8490

 191.0877,
169.9285, 100.7674

 6.0850, 3.6346,
0.0000

232.9791,
209.4807, 129.9449

 2.9380, 1.4713,
0.0000

280.5848,

 1.1211, 0.2684,

254.7383, 164.2724

0.0000

334.2702,
306.0856, 204.1682

■ 0.0426, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5587, 44.2941,
17.4784

■ 54.5587, 44.2941,
17.4784

■ 50.9853, 38.8002,
11.1928

■ 58.9134, 50.7354,
25.9233

■ 48.1357, 34.1982,
6.8604


■ 64.0949, 58.1620,
36.7030


■ 45.9477, 30.4362,
4.2377

■ 70.1484, 66.6177,
49.9774

■ 44.4891, 27.7586,
3.0131

■ 77.1148, 76.1415,
65.8915

 85.0320, 86.7703,
84.5793

 93.9360, 98.5391,
106.1654

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.



61.6486, 44.2941, 31.1311



54.5587, 44.2941, 17.4784



44.7760, 44.2941, 12.5602

Triad

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



54.5587, 44.2941, 17.4784



26.3545, 44.2941, 41.1052



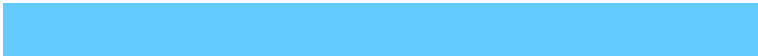
49.3386, 44.2941, 115.7629

Complementary

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



54.5587, 44.2941, 17.4784



44.5500, 52.5813, 102.4083

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.



39.5333, 44.2941, 121.6917



54.5587, 44.2941, 17.4784



27.1943, 44.2941, 70.6605

Square

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



54.5587, 44.2941, 17.4784



29.2001, 44.2941, 22.3952



31.6992, 44.2941, 102.8210



58.3302, 44.2941, 88.7937

Rectangle

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



54.5587, 44.2941, 17.4784



38.4306, 44.2941, 12.8008



31.6992, 44.2941, 102.8210



45.9962, 44.2941, 120.6086

Sweetspot

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



54.5597, 44.2964, 17.4792



79.5248, 79.3961, 71.5201



56.4812, 34.4956, 60.1813



16.5482, 16.3549, 14.2021



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.



54.5597, 44.2964, 17.4792



50.4135, 37.8957, 10.2634



71.5111, 78.1991, 23.1297



18.5041, 18.9764, 18.8319



23.3686, 14.7484, 1.6151



2.3710, 1.6273, 0.1891

Inverse Universe

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



44.5500, 52.5813, 102.4083



39.5507, 46.5940, 101.5167



30.5294, 24.5402, 97.7347



18.0148, 19.4012, 23.0453



17.0845, 19.0787, 52.2167



1.7640, 2.0587, 5.1177

Previews

White Background



This preview shows how the XYZ color 54.5587, 44.2941, 17.4784 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 54.5587, 44.2941, 17.4784 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 54.5587, 44.2941, 17.4784

Background



This preview shows how black text looks on a background with the XYZ color 54.5587, 44.2941, 17.4784.



This preview shows how white text looks on a background with the XYZ color 54.5587, 44.2941,

17.4784.

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

54.5587, 44.2941, 17.4784

Protanopia

40.9288, 44.4143, 20.8836

Deuteranopia

45.3537, 44.4811, 17.0218



Tritanopia

57.5196, 44.2181, 36.9558

Trichromacy



Original Color

54.5587, 44.2941, 17.4784

Protanomaly

44.8713, 43.6241, 19.4199

Deuteranomaly

48.1635, 44.0278, 17.0261

Tritanomaly

56.2031, 44.1891, 28.4888

Monochromacy



Original Color

54.5587, 44.2941, 17.4784

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.3408, 42.7547, 33.9324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5587, 44.2941, 17.4784 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, 151, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 99)  
}
```

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, 151, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 99) }
```

Border

The CSS property to change the border of an element to XYZ 54.5587, 44.2941, 17.4784 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, 151, 99) }
```


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

```
.border{ border-color:rgb(255, 151, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5587, 44.2941, 17.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 99) }
```

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

```
.background{ background-color: rgb(255,  
151, 99) }
```

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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