

Converting Colors

XYZ(55.0167, 45.3670, 17.1472)

Have a look what the booklet for
XYZ(55.0167, 45.3670, 17.1472)
contains.

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Color

**XYZ(54.9533, 45.2343,
17.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A61
RGB	255, 154, 97
RGB Percent	100%, 60%, 38%
CMY	0.0000, 0.3960, 0.6196
CMYK	0.00, 0.40, 0.62, 0.00
HSL	22°, 100%, 69%
HSV	22°, 62%, 100%
XYZ	54.9533, 45.2343, 17.1440
YIQ	177.7010, 78.4930, 3.6850

Conversions

Conversions Part 2

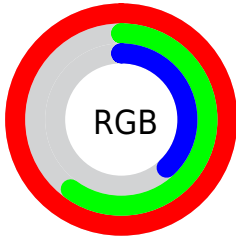
Format	Color
RYB	255, 186, 97
Decimal	16751201
CIELab	73.05, 32.72, 45.53
CIELCh	73, 56.067, 54.297
Yxy	45.2343, 0.4684, 0.3855
Android (android.graphics.Color)	4294941281 (0xFFFF9A61)
YUV	177.7010, -39.7856, 67.7912
Hunter-Lab	67.2564, 28.1484, 31.9662

Details

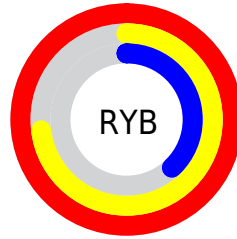
The XYZ color **54.9533, 45.2343, 17.1440** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.1726, 50.1468, 102.0111**, and the grayscale version is **42.3346, 44.5393, 48.5032**.

A 20% lighter version of the original color is **69.4653, 69.0309, 38.0968**, and **27.5330, 21.1855, 5.4344** is the 20% darker color. If you saturate the color by 10%, you get **51.4399, 39.8145, 11.0198**, and if you desaturate by 10%, it is **59.2162, 51.5422, 25.4034**.

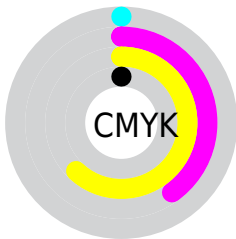
Distribution



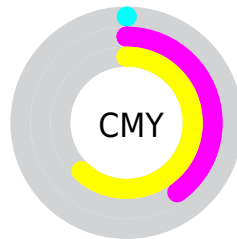
- Red (100%)
- Green (60%)
- Blue (38%)



- Red (100%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9533, 45.2343, 17.1440 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 54.9533, 45.2343, 17.1440 by changing the saturation by 10% instead.


 54.9533, 45.2343,
17.1440


 54.9533, 45.2343,
17.1440


395.8742,
367.7217, 248.0728

 39.5980, 31.6420,
10.1742


 96.6212, 83.0719,
39.3672


 27.4081, 21.0882,
5.4075


 123.6646,
108.0860, 55.4577

 18.0181, 13.1885,
2.4254


 155.3348,
137.6761, 75.4255

 11.0628, 7.5585,
0.8002

 191.9970,
172.2268, 99.6891

 6.1767, 3.8138,
0.0000

234.0167,
212.1222, 128.6671

 2.9945, 1.5699,
0.0000

281.7593,

 1.1508, 0.3372,

257.7469, 162.7781

0.0000

335.5900,
309.4853, 202.4404

■ 0.0670, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9533, 45.2343,
17.1440

■ 54.9533, 45.2343,
17.1440

■ 51.4399, 39.8145,
11.0198

■ 59.2162, 51.5422,
25.4034

■ 48.6201, 35.2313,
6.8227

■ 64.2722, 58.7720,
35.9743

■ 46.4332, 31.4375,
4.3062

■ 70.1650, 66.9640,
49.0174

■ 45.0673, 28.9148,
3.2058

■ 76.9340, 76.1539,
64.6781

 84.6157, 86.3753,
83.0905

 93.2445, 97.6603,
104.3795

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.



62.5541, 45.2343, 30.2187



54.9533, 45.2343, 17.1440



44.8934, 45.2343, 12.7073

Triad

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



54.9533, 45.2343, 17.1440



26.8388, 45.2343, 44.0827



51.2218, 45.2343, 116.6190

Complementary

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



54.9533, 45.2343, 17.1440



43.1726, 50.1468, 102.0111

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.



41.1486, 45.2343, 124.8205



54.9533, 45.2343, 17.1440



28.0062, 45.2343, 74.9589

Square

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



54.9533, 45.2343, 17.1440



29.4368, 45.2343, 23.9967



32.9091, 45.2343, 107.3505



60.1808, 45.2343, 87.9307

Rectangle

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



54.9533, 45.2343, 17.1440



38.5068, 45.2343, 13.2849



32.9091, 45.2343, 107.3505



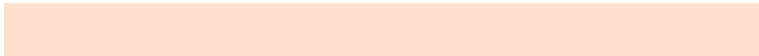
47.8166, 45.2343, 122.2285

Sweetspot

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



54.9544, 45.2366, 17.1448



79.1115, 79.0709, 69.8360



55.9050, 33.9657, 58.0696



16.4825, 16.3208, 13.8802



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.



54.9544, 45.2366, 17.1448



50.8104, 38.8132, 10.0144



72.0574, 79.4428, 22.8459



18.5458, 19.0597, 18.8458



23.6771, 15.3654, 1.7179



2.4045, 1.6945, 0.2003

Inverse Universe

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



43.1726, 50.1468, 102.0111



38.0698, 43.8941, 101.0737



29.7810, 23.3637, 97.5473



17.9714, 19.3144, 23.0308



16.4214, 17.7524, 51.9956



1.7026, 1.9359, 5.0972

Previews

White Background



This preview shows how the XYZ color 54.9533, 45.2343, 17.1440 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 54.9533, 45.2343, 17.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

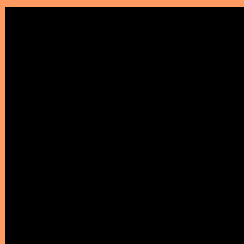
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9533, 45.2343, 17.1440

Background



This preview shows how black text looks on a background with the XYZ color 54.9533, 45.2343, 17.1440.



This preview shows how white text looks on a background with the XYZ color 54.9533, 45.2343,

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

54.9533, 45.2343, 17.1440

Protanopia

41.9487, 45.5534, 20.2174

Deuteranopia

46.3575, 45.2883, 16.6541



Tritanopia

58.2455, 45.2581, 38.4667

Trichromacy



Original Color

54.9533, 45.2343, 17.1440

Protanomaly

45.9245, 45.0105, 19.0994

Deuteranomaly

49.0798, 45.0421, 16.6969

Tritanomaly

56.7505, 45.1708, 29.0203

Monochromacy



Original Color

54.9533, 45.2343, 17.1440

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.0664, 43.6677, 34.4872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9533, 45.2343, 17.1440 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, 154, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 97)  
}
```

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, 154, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 97) }
```

Border

The CSS property to change the border of an element to XYZ 54.9533, 45.2343, 17.1440 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, 154, 97) }
```


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

```
.border{ border-color:rgb(255, 154, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9533, 45.2343, 17.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 97) }
```

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

```
.background{ background-color: rgb(255,  
154, 97) }
```

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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