

Converting Colors

XYZ(54.9500, 48.9385, 14.5325)

Have a look what the booklet for
XYZ(54.9500, 48.9385, 14.5325)
contains.

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Color

**XYZ(54.9500, 48.9385,
14.5325)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA852
RGB	250, 168, 82
RGB Percent	98%, 66%, 32%
CMY	0.0196, 0.3411, 0.6784
CMYK	0.00, 0.33, 0.67, 0.02
HSL	31°, 94%, 65%
HSV	31°, 67%, 98%
XYZ	54.9500, 48.9385, 14.5325
YIQ	182.7140, 76.4780, -9.3620

Conversions

Conversions Part 2

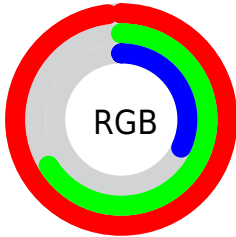
Format	Color
R _Y B	242, 250, 82
Decimal	16427090
CIE Lab	75.41, 22.51, 55.40
CIE LCh	75, 59.797, 67.888
Yxy	48.9385, 0.4640, 0.4133
Android (android.graphics.Color)	4294617170 (0xFFFAA852)
YUV	182.7140, -49.6520, 59.0098
Hunter-Lab	69.9561, 17.7874, 36.6525

Details

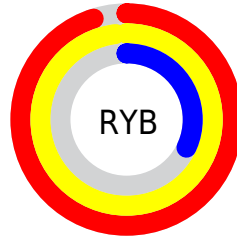
The XYZ color **54.9500, 48.9385, 14.5325** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **34.0096, 35.2450, 95.4525**, and the grayscale version is **45.0883, 47.4364, 51.6582**.

A 20% lighter version of the original color is **72.0009, 75.7846, 33.7547**, and **27.4534, 23.3983, 4.2318** is the 20% darker color. If you saturate the color by 10%, you get **52.0186, 44.3311, 9.6863**, and if you desaturate by 10%, it is **58.4415, 54.1122, 21.2750**.

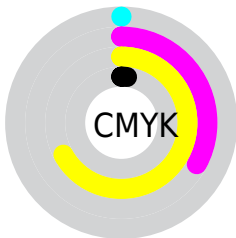
Distribution



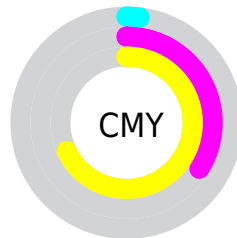
- Red (98%)
- Green (66%)
- Blue (32%)



- Red (95%)
- Yellow (98%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9500, 48.9385, 14.5325 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 54.9500, 48.9385, 14.5325 by changing the saturation by 10% instead.


 54.9500, 48.9385,
14.5325


 54.9500, 48.9385,
14.5325


395.8619,
382.5002, 232.0613

 39.5954, 34.5707,
8.3490


 96.6164, 88.6001,
34.7616


 27.4060, 23.3324,
4.2281


 123.6590,
114.6627, 49.6442


 18.0165, 14.8391,
1.7513


 155.3282,
145.3923, 68.2636

 11.0616, 8.7066,
0.3955

 191.9894,
181.1734, 91.0383

 6.1759, 4.5503,
0.0000

 234.0081,
222.3904, 118.3869

 2.9940, 1.9859,
0.0000

281.7494,

 1.1506, 0.5993,

269.4275, 150.7279

0.0000

335.5789,
322.6693, 188.4799

■ 0.0668, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9500, 48.9385,
14.5325

■ 54.9500, 48.9385,
14.5325

■ 52.0186, 44.3311,
9.6863

■ 58.4415, 54.1122,
21.2750

■ 49.5983, 40.2550,
6.5226

■ 62.5289, 59.8694,
30.0909

■ 47.6330, 36.6802,
4.7705

■ 67.2486, 66.2352,
41.1395

■ 47.1414, 35.7583,
4.4174

■ 72.6324, 73.2306,
54.5639

78.7101, 80.8754,
70.4948

85.5090, 89.1885,
89.0537

92.7312, 98.0580,
108.6474

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



65.3096, 48.9385, 24.0432



54.9500, 48.9385, 14.5325



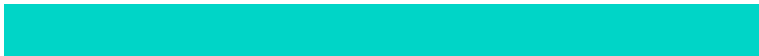
43.6682, 48.9385, 12.9584

Triad

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



54.9500, 48.9385, 14.5325



28.5330, 48.9385, 62.0507



60.7700, 48.9385, 116.9144

Complementary

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



54.9500, 48.9385, 14.5325



34.0096, 35.2450, 95.4525

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.



49.4820, 48.9385, 138.7682



54.9500, 48.9385, 14.5325



31.7231, 48.9385, 99.8855

Square

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



54.9500, 48.9385, 14.5325



29.5240, 48.9385, 33.5614



38.9899, 48.9385, 131.5404



69.0223, 48.9385, 79.5307

Rectangle

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



54.9500, 48.9385, 14.5325



37.2953, 48.9385, 15.6462



38.9899, 48.9385, 131.5404



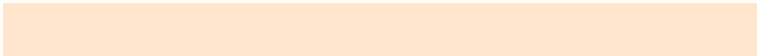
57.1402, 48.9385, 126.8780

Sweetspot

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



54.9511, 48.9410, 14.5334



80.4663, 82.2740, 68.7662



49.3246, 29.1120, 39.0963



16.8368, 17.1252, 13.7029



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.



54.9511, 48.9410, 14.5334



53.3701, 44.6516, 8.6510



75.1326, 89.3039, 21.2606



17.9794, 18.6946, 18.1232



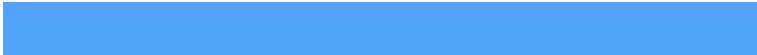
25.1501, 19.2568, 2.3914



2.4355, 1.9958, 0.2569

Inverse Universe

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



34.0096, 35.2450, 95.4525



30.0786, 29.4361, 98.7042



23.7526, 14.7310, 92.0334



16.9824, 18.0416, 21.9726



12.9883, 11.3321, 49.4763



1.3087, 1.2610, 4.6176

Previews

White Background



This preview shows how the XYZ color 54.9500, 48.9385, 14.5325 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 54.9500, 48.9385, 14.5325 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 54.9500, 48.9385, 14.5325

Background



This preview shows how black text looks on a background with the XYZ color 54.9500, 48.9385, 14.5325.



This preview shows how white text looks on a background with the XYZ color 54.9500, 48.9385,

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

54.9500, 48.9385, 14.5325

Protanopia

44.7740, 48.9442, 16.3199

Deuteranopia

50.1251, 49.0124, 14.4079



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

54.9500, 48.9385, 14.5325

Protanomaly

47.9240, 48.4417, 15.6284

Deuteranomaly

51.8811, 49.0433, 14.5165

Tritanomaly

58.0158, 48.5583, 30.3597

Monochromacy



Original Color

54.9500, 48.9385, 14.5325

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.8408, 47.1815, 33.8323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9500, 48.9385, 14.5325 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(250, 168, 82)` looks like.

```
.text, #text, p{  
    color:rgb(250, 168, 82)  
}
```

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(250, 168, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 168, 82) }
```

Border

The CSS property to change the border of an element to XYZ 54.9500, 48.9385, 14.5325 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(250, 168, 82) }
```


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

```
.border{ border-color:rgb(250, 168, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 168, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 168, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 168, 82);  
box-shadow:4px 4px 4px 4px rgb(250, 168,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9500, 48.9385, 14.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 168, 82) }
```

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

```
.background{ background-color: rgb(250,  
168, 82) }
```

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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