

Converting Colors

XYZ(58.4690, 50.3082, 24.3504)

Have a look what the booklet for
XYZ(58.4690, 50.3082, 24.3504)
contains.

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Color

**XYZ(58.4489, 50.2535,
24.3886)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA778
RGB	255, 167, 120
RGB Percent	100%, 65%, 47%
CMY	0.0000, 0.3451, 0.5294
CMYK	0.00, 0.35, 0.53, 0.00
HSL	21°, 100%, 74%
HSV	21°, 53%, 100%
XYZ	58.4489, 50.2535, 24.3886
YIQ	187.9540, 67.5350, 4.0390

Conversions

Conversions Part 2

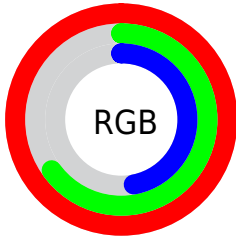
Format	Color
R _Y B	255, 192, 120
Decimal	16754552
CIE Lab	76.22, 27.67, 37.55
CIE LCh	76, 46.641, 53.612
Yxy	50.2535, 0.4392, 0.3776
Android (android.graphics.Color)	4294944632 (0xFFFFA778)
YUV	187.9540, -33.5013, 58.7993
Hunter-Lab	70.8897, 23.1171, 29.2249

Details

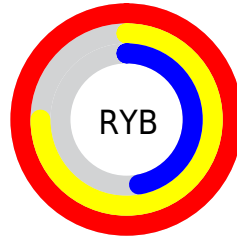
The XYZ color **58.4489, 50.2535, 24.3886** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.3504, 56.3222, 102.9304**, and the grayscale version is **47.9324, 50.4287, 54.9168**.

A 20% lighter version of the original color is **75.1705, 77.0525, 50.4459**, and **29.6285, 24.0789, 8.8805** is the 20% darker color. If you saturate the color by 10%, you get **54.2509, 44.0132, 16.3442**, and if you desaturate by 10%, it is **63.4528, 57.4464, 34.7353**.

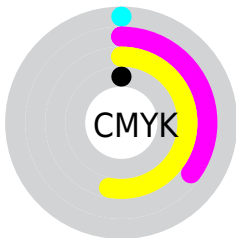
Distribution



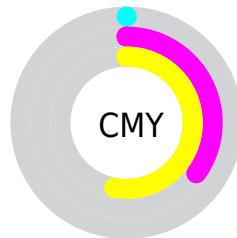
- Red (100%)
- Green (65%)
- Blue (47%)



- Red (100%)
- Yellow (75%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4489, 50.2535, 24.3886 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 58.4489, 50.2535, 24.3886 by changing the saturation by 10% instead.


 58.4489, 50.2535,
24.3886

 58.4489, 50.2535,
24.3886


408.7835,
387.6565, 288.1288


 42.4143, 35.6149,
15.4073


 101.6955, 90.5504,
51.6154

 29.6184, 24.1369,
8.9559


 129.6382,
116.9774, 70.6979

 19.6957, 15.4352,
4.6160


 162.2810,
148.1026, 93.9845

 12.2810, 9.1254,
1.9690

199.9892,
184.3105, 121.8939

 7.0089, 4.8231,
0.5361

243.1282,
225.9855, 154.8444

 3.5141, 2.1438,
0.0000

292.0633,

 1.4311, 0.6891,

273.5118, 193.2547

0.0000

347.1600,
327.2740, 237.5434

■ 0.2782, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4489, 50.2535,
24.3886

■ 58.4489, 50.2535,
24.3886

■ 54.2509, 44.0132,
16.3442

■ 63.4528, 57.4464,
34.7353

■ 50.8067, 38.6749,
10.4177

■ 69.3027, 65.6243,
47.5430

■ 48.0632, 34.1942,
6.4010

■ 76.0403, 74.8271,
62.9597

■ 45.9565, 30.5185,
4.0408

■ 83.7031, 85.0903,
81.1208

■ 44.7947, 28.3696,
3.1149

■ 92.3264, 96.4474,
102.1521

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



64.8849, 50.2535, 37.6090



58.4489, 50.2535, 24.3886



49.6597, 50.2535, 19.4600

Triad

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



58.4489, 50.2535, 24.3886



32.9288, 50.2535, 49.5330



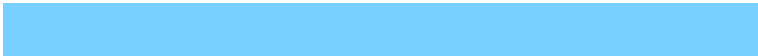
54.8198, 50.2535, 111.7560

Complementary

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



58.4489, 50.2535, 24.3886



48.3504, 56.3222, 102.9304

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.



45.9181, 50.2535, 117.8720



58.4489, 50.2535, 24.3886



33.9563, 50.2535, 76.3576

Square

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



58.4489, 50.2535, 24.3886



35.4683, 50.2535, 30.8349



38.4685, 50.2535, 103.3517



62.6173, 50.2535, 88.5416

Rectangle

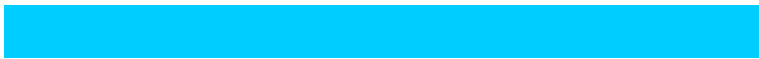
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.4489, 50.2535, 24.3886



43.9161, 50.2535, 19.9936



38.4685, 50.2535, 103.3517



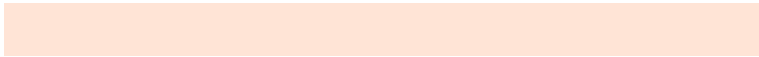
51.8313, 50.2535, 116.1237

Sweetspot

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



58.4501, 50.2560, 24.3896



81.2585, 81.8359, 75.2654



59.5894, 39.3464, 65.4269



17.0513, 17.0598, 15.2986



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.



58.4501, 50.2560, 24.3896



53.8512, 43.4056, 15.6193



73.6277, 80.6111, 29.4487



18.5266, 19.0214, 18.8394



23.5318, 15.0748, 1.6695



2.3888, 1.6630, 0.1951

Inverse Universe

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



48.3504, 56.3222, 102.9304



42.6778, 49.9532, 102.0003



35.5437, 30.7087, 98.6614



17.9913, 19.3542, 23.0374



16.7219, 18.3534, 52.0958



1.7305, 1.9917, 5.1065

Previews

White Background



This preview shows how the XYZ color 58.4489, 50.2535, 24.3886 looks on a white background.

Color Contrast Check

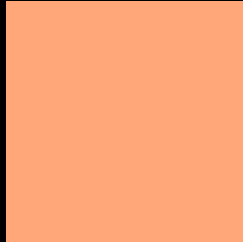
Large Text (above 18pt) WCAG AA × Fail

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 58.4489, 50.2535, 24.3886 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 58.4489, 50.2535, 24.3886

Background



This preview shows how black text looks on a background with the XYZ color 58.4489, 50.2535, 24.3886.



This preview shows how white text looks on a background with the XYZ color 58.4489, 50.2535,

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

58.4489, 50.2535, 24.3886

Protanopia

46.8475, 50.3888, 28.0258

Deuteranopia

51.5271, 50.4209, 23.8461



Tritanopia

61.7032, 50.1178, 45.9568

Trichromacy



Original Color

58.4489, 50.2535, 24.3886

Protanomaly

50.5186, 49.8368, 26.6955

Deuteranomaly

53.8599, 50.1451, 23.9798

Tritanomaly

60.3482, 50.1440, 37.0699

Monochromacy



Original Color

58.4489, 50.2535, 24.3886

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0835, 49.2839, 41.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4489, 50.2535, 24.3886 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, 167, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 120)  
}
```

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, 167, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 120) }
```

Border

The CSS property to change the border of an element to XYZ 58.4489, 50.2535, 24.3886 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, 167, 120) }
```


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

```
.border{ border-color:rgb(255, 167, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4489, 50.2535, 24.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 120) }
```

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

```
.background{ background-color: rgb(255,  
167, 120) }
```

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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