

Converting Colors

XYZ(101.0629, 71.5330,
23.5635)

Have a look what the booklet for
XYZ(101.0629, 71.5330, 23.5635)
contains.

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Color

**XYZ(57.3847, 48.9586,
21.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA46F
RGB	255, 164, 111
RGB Percent	100%, 64%, 44%
CMY	0.0000, 0.3568, 0.5647
CMYK	0.00, 0.36, 0.56, 0.00
HSL	22°, 100%, 72%
HSV	22°, 56%, 100%
XYZ	57.3847, 48.9586, 21.4644
YIQ	185.1670, 71.2490, 2.8090

Conversions

Conversions Part 2

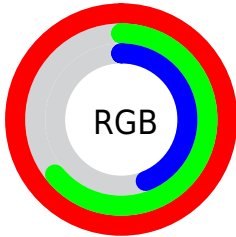
Format	Color
R_{YB}	255, 195, 111
Decimal	16753775
CIE _{Lab}	75.43, 28.52, 41.23
CIE _{LCh}	75, 50.132, 55.330
Yxy	48.9586, 0.4490, 0.3831
Android (android.graphics.Color)	4294943855 (0xFFFFA46F)
YUV	185.1670, -36.5643, 61.2435
Hunter-Lab	69.9704, 23.9446, 30.7913

Details

The XYZ color **57.3847, 48.9586, 21.4644** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.7249, 52.8380, 102.3961**, and the grayscale version is **46.3776, 48.7929, 53.1354**.

A 20% lighter version of the original color is **73.2724, 74.6034, 45.6600**, and **28.9118, 23.4055, 7.5513** is the 20% darker color. If you saturate the color by 10%, you get **53.4727, 43.0702, 14.1943**, and if you desaturate by 10%, it is **62.0651, 55.7430, 30.9682**.

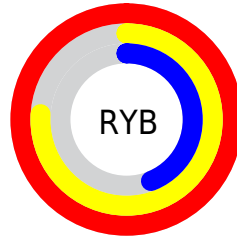
Distribution



Red (100%)

Green (64%)

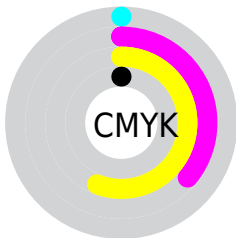
Blue (44%)



Red (100%)

Yellow (76%)

Blue (44%)

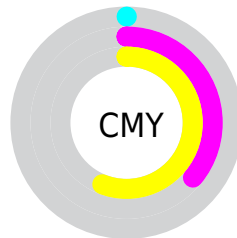


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3847, 48.9586, 21.4644 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 57.3847, 48.9586, 21.4644 by changing the saturation by 10% instead.

57.3847, 48.9586,
21.4644

57.3847, 48.9586,
21.4644

404.8802,
382.5793, 272.5980

41.5555, 34.5866,
13.2693

100.1544, 88.6300,
46.7499

28.9430, 23.3446,
7.4814

127.8257,
114.6982, 64.6775

19.1818, 14.8482,
3.6820

160.1750,
145.4339, 86.6863

11.9065, 8.7129,
1.4525

197.5678,
181.2215, 113.1949

6.7518, 4.5544,
0.1822

240.3693,
222.4455, 144.6218

3.3523, 1.9883,
0.0000

288.9450,

1.3427, 0.6006,

269.4902, 181.3856

0.0000

343.6602,
322.7400, 223.9048

■ 0.2148, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3847, 48.9586,
21.4644

■ 57.3847, 48.9586,
21.4644

■ 53.4727, 43.0702,
14.1943

■ 62.0651, 55.7430,
30.9682

■ 50.2769, 38.0291,
8.9657

■ 67.5543, 63.4541,
42.8706

■ 47.7429, 33.7924,
5.5579

■ 73.8937, 72.1302,
57.3237

■ 45.8036, 30.3085,
3.6945

■ 81.1206, 81.8048,
74.4663

■ 45.2305, 29.2413,
3.2602

■ 89.2700, 92.5101,
94.4270

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.



64.5021, 48.9586, 34.3738



57.3847, 48.9586, 21.4644



47.9945, 48.9586, 16.9857

Triad

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



57.3847, 48.9586, 21.4644



30.9827, 48.9586, 49.2732



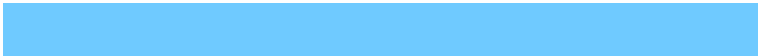
54.5528, 48.9586, 113.7604

Complementary

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



57.3847, 48.9586, 21.4644



45.7249, 52.8380, 102.3961

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.



45.1028, 48.9586, 121.7669



57.3847, 48.9586, 21.4644



32.2567, 48.9586, 78.1632

Square

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



57.3847, 48.9586, 21.4644



33.4025, 48.9586, 29.2939



37.1448, 48.9586, 107.0341



62.7213, 48.9586, 87.7898

Rectangle

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



57.3847, 48.9586, 21.4644



41.9945, 48.9586, 17.7628



37.1448, 48.9586, 107.0341



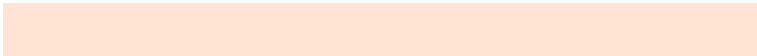
51.3887, 48.9586, 118.9428

Sweetspot

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



57.3859, 48.9611, 21.4653



80.7150, 81.2666, 73.4880



57.6089, 36.9030, 60.0882



16.9520, 16.9632, 14.9511



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.



57.3859, 48.9611, 21.4653



52.9388, 42.2450, 13.2670



74.0470, 82.2833, 27.0190



18.5569, 19.0820, 18.8495



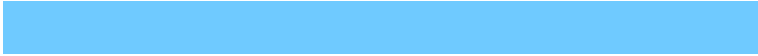
23.7640, 15.5392, 1.7469



2.4139, 1.7131, 0.2034

Inverse Universe

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



45.7249, 52.8380, 102.3961



40.1633, 46.3326, 101.4340



32.6152, 26.6185, 98.0262



17.9598, 19.2913, 23.0270



16.2508, 17.4112, 51.9388



1.6867, 1.9041, 5.0919

Previews

White Background



This preview shows how the XYZ color 57.3847, 48.9586, 21.4644 looks on a white background.

Color Contrast Check

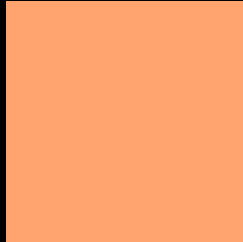
Large Text (above 18pt) WCAG AA × Fail

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 57.3847, 48.9586, 21.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

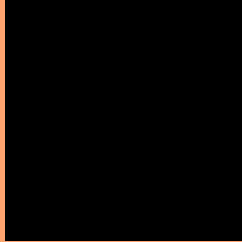
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3847, 48.9586, 21.4644

Background



This preview shows how black text looks on a background with the XYZ color 57.3847, 48.9586, 21.4644.



This preview shows how white text looks on a background with the XYZ color 57.3847, 48.9586,

21.4644.

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

57.3847, 48.9586, 21.4644

Protanopia

45.5173, 49.1462, 24.5399

Deuteranopia

50.3057, 49.2544, 21.0430



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

57.3847, 48.9586, 21.4644

Protanomaly

49.1970, 48.6313, 23.3168

Deuteranomaly

52.6289, 48.9958, 21.1513

Tritanomaly

59.4097, 48.9197, 34.7450

Monochromacy



Original Color

57.3847, 48.9586, 21.4644

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.4720, 47.6145, 38.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3847, 48.9586, 21.4644 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, 164, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 111) }
```

Border

The CSS property to change the border of an element to XYZ 57.3847, 48.9586, 21.4644 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, 164, 111) }
```


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

```
.border{ border-color:rgb(255, 164, 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, 164, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3847, 48.9586, 21.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 111) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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