

Converting Colors

XYZ(57.3720, 48.8268, 21.7884)

Have a look what the booklet for
XYZ(57.3720, 48.8268, 21.7884)
contains.

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Color

**XYZ(57.4401, 48.9808,
21.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA470
RGB	255, 164, 112
RGB Percent	100%, 64%, 44%
CMY	0.0000, 0.3568, 0.5608
CMYK	0.00, 0.36, 0.56, 0.00
HSL	22°, 100%, 72%
HSV	22°, 56%, 100%
XYZ	57.4401, 48.9808, 21.7560
YIQ	185.2810, 70.9280, 3.1200

Conversions

Conversions Part 2

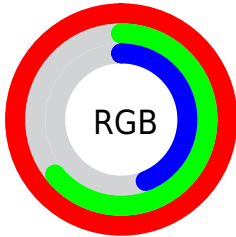
Format	Color
R _Y B	255, 194, 112
Decimal	16753776
CIE Lab	75.44, 28.59, 40.73
CIE LCh	75, 49.765, 54.930
Yxy	48.9808, 0.4481, 0.3821
Android (android.graphics.Color)	4294943856 (0xFFFFA470)
YUV	185.2810, -36.1275, 61.1436
Hunter-Lab	69.9863, 24.0250, 30.5595

Details

The XYZ color **57.4401, 48.9808, 21.7560** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.0867, 53.3738, 102.4805**, and the grayscale version is **46.4391, 48.8575, 53.2058**.

A 20% lighter version of the original color is **73.3630, 74.6396, 46.1376**, and **28.9395, 23.4166, 7.6972** is the 20% darker color. If you saturate the color by 10%, you get **53.4954, 43.0511, 14.4006**, and if you desaturate by 10%, it is **62.1596, 55.8173, 31.3536**.

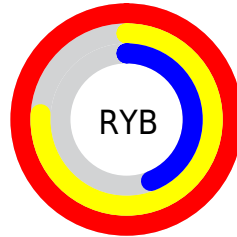
Distribution



Red (100%)

Green (64%)

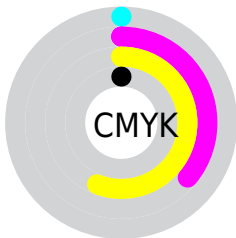
Blue (44%)



Red (100%)

Yellow (76%)

Blue (44%)

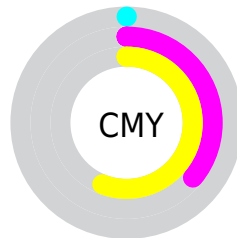


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4401, 48.9808, 21.7560 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 57.4401, 48.9808, 21.7560 by changing the saturation by 10% instead.


 57.4401, 48.9808,
21.7560


 57.4401, 48.9808,
21.7560


405.0839,
382.6667, 274.1812

 41.6002, 34.6042,
13.4811


 100.2347, 88.6629,
47.2394


 28.9781, 23.3582,
7.6261


 127.9202,
114.7373, 65.2850

 19.2085, 14.8582,
3.7723


 160.2848,
145.4798, 87.4246

 11.9259, 8.7199,
1.5013

 197.6941,
181.2747, 114.0767

 6.7651, 4.5590,
0.2189

240.5132,
222.5064, 145.6599

 3.3606, 1.9909,
0.0000

289.1077,

 1.3472, 0.6022,

269.5594, 182.5926

0.0000

343.8428,
322.8180, 225.2936

■ 0.2181, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4401, 48.9808,
21.7560

■ 57.4401, 48.9808,
21.7560

■ 53.4954, 43.0511,
14.4006

■ 62.1596, 55.8173,
31.3536

■ 50.2732, 37.9789,
9.0961

■ 67.6945, 63.5917,
43.3576

■ 47.7190, 33.7209,
5.6232

■ 74.0863, 72.3428,
57.9196

■ 45.7662, 30.2250,
3.7091

■ 81.3725, 82.1047,
75.1783

45.1312, 29.0428,
3.2271

89.5881, 92.9098,
95.2618

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.



64.4472, 48.9808, 34.7506



57.4401, 48.9808, 21.7560



48.1307, 48.9808, 17.1850

Triad

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



57.4401, 48.9808, 21.7560



31.1058, 48.9808, 48.9919



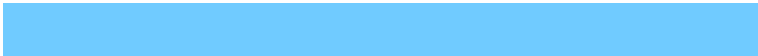
54.3906, 48.9808, 113.4907

Complementary

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



57.4401, 48.9808, 21.7560



46.0867, 53.3738, 102.4805

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.



45.0137, 48.9808, 121.1138



57.4401, 48.9808, 21.7560



32.3244, 48.9808, 77.5778

Square

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



57.4401, 48.9808, 21.7560



33.5619, 48.9808, 29.2581



37.1397, 48.9808, 106.2656



62.5307, 48.9808, 87.9317

Rectangle

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



57.4401, 48.9808, 21.7560



42.1576, 48.9808, 17.9033



37.1397, 48.9808, 106.2656



51.2475, 48.9808, 118.5282

Sweetspot

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



57.4413, 48.9833, 21.7569



80.6624, 81.1616, 73.4705



58.0476, 37.2540, 61.8574



16.9397, 16.9386, 14.9470



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.



57.4413, 48.9833, 21.7569



53.1690, 42.5481, 13.8286



73.4593, 81.0194, 27.0963



18.5502, 19.0685, 18.8472



23.7111, 15.4335, 1.7293



2.4082, 1.7018, 0.2015

Inverse Universe

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



46.0867, 53.3738, 102.4805



40.7598, 47.1921, 101.5685



33.1817, 27.5637, 98.1788



17.9668, 19.3053, 23.0293



16.3538, 17.6172, 51.9731



1.6963, 1.9233, 5.0951

Previews

White Background



This preview shows how the XYZ color 57.4401, 48.9808, 21.7560 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 57.4401, 48.9808, 21.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

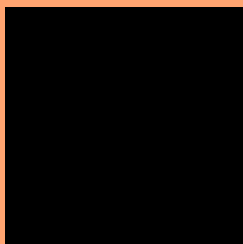
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4401, 48.9808, 21.7560

Background



This preview shows how black text looks on a background with the XYZ color 57.4401, 48.9808, 21.7560.



This preview shows how white text looks on a background with the XYZ color 57.4401, 48.9808,

21.7560.

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

57.4401, 48.9808, 21.7560

Protanopia

45.6387, 49.1948, 25.1793

Deuteranopia

50.0447, 49.1137, 21.3102



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

57.4401, 48.9808, 21.7560

Protanomaly

49.3146, 48.6784, 23.9362

Deuteranomaly

52.6831, 49.0175, 21.4365

Tritanomaly

59.4097, 48.9197, 34.7450

Monochromacy



Original Color

57.4401, 48.9808, 21.7560

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 57.4401, 48.9808, 21.7560 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 112) }
```

Border

The CSS property to change the border of an element to XYZ 57.4401, 48.9808, 21.7560 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, 112) }
```


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

```
.border{ border-color:rgb(255, 164, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4401, 48.9808, 21.7560 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, 112) }
```

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

```
.background{ background-color: rgb(255,  
164, 112) }
```

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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