

Converting Colors

XYZ(54.9771, 48.4912, 22.9851)

Have a look what the booklet for
XYZ(54.9771, 48.4912, 22.9851)
contains.

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Color

**XYZ(54.9771, 48.4912,
22.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A774
RGB	246, 167, 116
RGB Percent	96%, 65%, 45%
CMY	0.0353, 0.3451, 0.5451
CMYK	0.00, 0.32, 0.53, 0.04
HSL	24°, 88%, 71%
HSV	24°, 53%, 96%
XYZ	54.9771, 48.4912, 22.9851
YIQ	184.8070, 63.4550, 0.8870

Conversions

Conversions Part 2

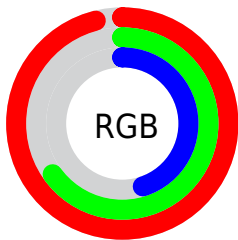
Format	Color
R_{YB}	246, 200, 116
Decimal	16164724
CIE _{Lab}	75.13, 23.78, 38.04
CIE _{LCh}	75, 44.863, 57.989
Yxy	48.4912, 0.4348, 0.3835
Android (android.graphics.Color)	4294354804 (0xFFFF6A774)
YUV	184.8070, -33.9219, 53.6663
Hunter-Lab	69.6356, 19.0628, 29.1747

Details

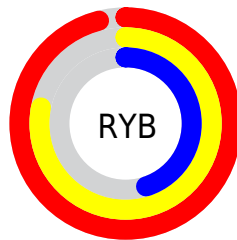
The XYZ color **54.9771, 48.4912, 22.9851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.3510, 49.3946, 94.4376**, and the grayscale version is **46.1658, 48.5700, 52.8927**.

A 20% lighter version of the original color is **74.5227, 76.3671, 48.3487**, and **27.3936, 23.1058, 8.3263** is the 20% darker color. If you saturate the color by 10%, you get **51.1493, 42.8305, 15.5599**, and if you desaturate by 10%, it is **59.5027, 54.9414, 32.5128**.

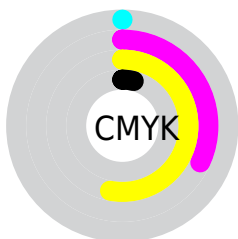
Distribution



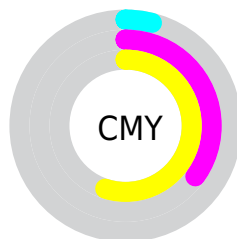
- Red (96%)
- Green (65%)
- Blue (45%)



- Red (96%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9771, 48.4912, 22.9851 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 54.9771, 48.4912, 22.9851 by changing the saturation by 10% instead.


 54.9771, 48.4912,
22.9851


 54.9771, 48.4912,
22.9851


395.9629,
380.7358, 280.7679

 39.6172, 34.2160,
14.3773


 96.6559, 87.9353,
49.2917

 27.4231, 23.0596,
8.2418


 123.7055,
113.8730, 67.8277

 18.0294, 14.6375,
4.1601


 155.3824,
144.4671, 90.5101

 11.0709, 8.5654,
1.7136

192.0518,
180.1018, 117.7575

 6.1822, 4.4588,
0.3700

234.0793,
221.1617, 149.9884

 2.9979, 1.9334,
0.0000

281.8300,

 1.1527, 0.5683,

268.0311, 187.6214

0.0000

335.6695,
321.0943, 231.0751

■ 0.0685, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9771, 48.4912,
22.9851

■ 54.9771, 48.4912,
22.9851

■ 51.1493, 42.8305,
15.5599

■ 59.5027, 54.9414,
32.5128

■ 47.9744, 37.9184,
10.0695


■ 64.7599, 62.2051,
44.2871


■ 45.4069, 33.7203,
6.3249


■ 70.7847, 70.3142,
58.4428

■ 43.3919, 30.1953,
4.0966

■ 77.6089, 79.2966,
75.1028

 42.2362, 28.0534,
3.1888

 85.2630, 89.1786,
94.3818

 91.8159, 98.3327,
108.7486

Harmonies

Analogous

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



61.4874, 48.4912, 34.2911



54.9771, 48.4912, 22.9851



46.6457, 48.4912, 19.2713

Triad

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



54.9771, 48.4912, 22.9851



32.0405, 48.4912, 51.2277



53.9047, 48.4912, 103.6493

Complementary

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



54.9771, 48.4912, 22.9851



43.3510, 49.3946, 94.4376

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.



45.5376, 48.4912, 112.1198



54.9771, 48.4912, 22.9851



33.5041, 48.4912, 76.9943

Square

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



54.9771, 48.4912, 22.9851



33.9540, 48.4912, 32.2709



38.2153, 48.4912, 101.1813



60.8183, 48.4912, 80.5830

Rectangle

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



54.9771, 48.4912, 22.9851



41.3824, 48.4912, 20.4079



38.2153, 48.4912, 101.1813



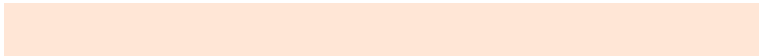
51.1405, 48.4912, 108.5518

Sweetspot

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



54.9783, 48.4936, 22.9860



81.7579, 82.8347, 75.4319



54.2343, 36.0770, 56.4294



17.1697, 17.2965, 15.3381



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.



54.9783, 48.4936, 22.9860



55.3977, 46.3177, 16.6926



69.6875, 77.9122, 27.8891



17.0324, 17.5490, 17.2872



22.6711, 15.2278, 1.7444



2.0896, 1.5324, 0.1856

Inverse Universe

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



43.3510, 49.3946, 94.4376



41.5448, 47.3037, 101.5486



31.9760, 26.6447, 90.6460



16.4192, 17.6026, 21.0748



14.7967, 15.3872, 48.7282



1.4004, 1.5521, 4.3160

Previews

White Background



This preview shows how the XYZ color 54.9771, 48.4912, 22.9851 looks on a white background.

Color Contrast Check

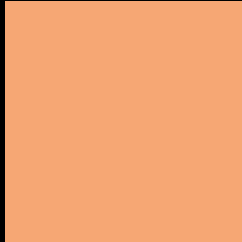
Large Text (above 18pt) WCAG AA × Fail

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 54.9771, 48.4912, 22.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

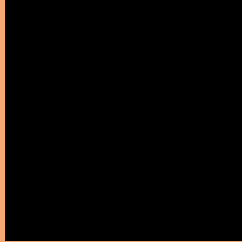
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9771, 48.4912, 22.9851

Background



This preview shows how black text looks on a background with the XYZ color 54.9771, 48.4912, 22.9851.



This preview shows how white text looks on a background with the XYZ color 54.9771, 48.4912,

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

54.9771, 48.4912, 22.9851

Protanopia

45.0115, 48.5455, 25.7367

Deuteranopia

49.4999, 48.5065, 22.6734



Tritanopia

59.4415, 48.4442, 45.2475

Trichromacy



Original Color

54.9771, 48.4912, 22.9851

Protanomaly

47.9258, 47.9486, 24.4983

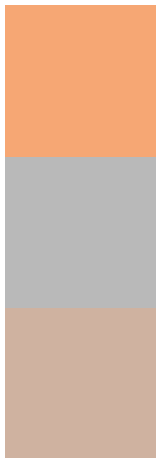
Deuteranomaly

51.3168, 48.2808, 22.8341

Tritanomaly

57.8316, 48.6011, 36.0387

Monochromacy



Original Color

54.9771, 48.4912, 22.9851

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9977, 47.6443, 39.9242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9771, 48.4912, 22.9851 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(246, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 116)  
}
```

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(246, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 116) }
```

Border

The CSS property to change the border of an element to XYZ 54.9771, 48.4912, 22.9851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

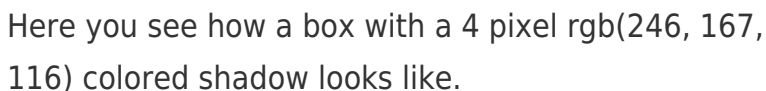
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 167, 116) }
```


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

```
.border{ border-color:rgb(246, 167, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 116);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9771, 48.4912, 22.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 167, 116) }
```

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

```
.background{ background-color: rgb(246,  
167, 116) }
```

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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