

Converting Colors

XYZ(74.6747, 60.3276, 25.1324)

Have a look what the booklet for
XYZ(74.6747, 60.3276, 25.1324)
contains.

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Color

**XYZ(59.5133, 52.4790,
24.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD77
RGB	255, 173, 119
RGB Percent	100%, 68%, 47%
CMY	0.0000, 0.3215, 0.5333
CMYK	0.00, 0.32, 0.53, 0.00
HSL	24°, 100%, 73%
HSV	24°, 53%, 100%
XYZ	59.5133, 52.4790, 24.4455
YIQ	191.3620, 66.2060, 0.5900

Conversions

Conversions Part 2

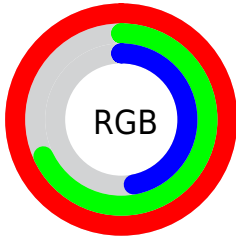
Format	Color
R _Y B	255, 209, 119
Decimal	16756087
CIE Lab	77.57, 24.45, 39.77
CIE LCh	78, 46.682, 58.413
Yxy	52.4790, 0.4362, 0.3846
Android (android.graphics.Color)	4294946167 (0xFFFFAD77)
YUV	191.3620, -35.6745, 55.8105
Hunter-Lab	72.4424, 19.8682, 30.7024

Details

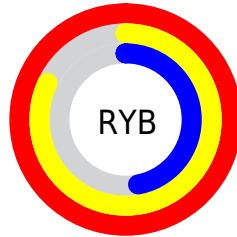
The XYZ color **59.5133, 52.4790, 24.4455** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.5432, 52.9127, 102.3674**, and the grayscale version is **49.9064, 52.5055, 57.1785**.

A 20% lighter version of the original color is **76.7057, 80.2772, 50.4819**, and **30.2963, 25.4647, 8.9486** is the 20% darker color. If you saturate the color by 10%, you get **55.4022, 46.3878, 16.5066**, and if you desaturate by 10%, it is **64.3769, 59.4182, 34.6629**.

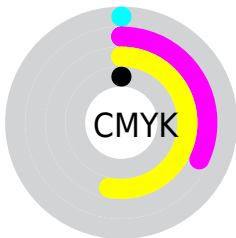
Distribution



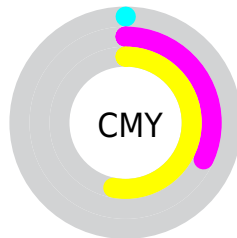
- Red (100%)
- Green (68%)
- Blue (47%)



- Red (100%)
- Yellow (82%)
- Blue (47%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5133, 52.4790, 24.4455 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 59.5133, 52.4790, 24.4455 by changing the saturation by 10% instead.


 59.5133, 52.4790,
24.4455


 59.5133, 52.4790,
24.4455


412.6650,
396.2830, 288.4239

 43.2744, 37.3870,
15.4492

 103.2337, 93.8373,
51.7091

 30.2959, 25.5073,
8.9851


 131.4459,
120.8724, 70.8135

 20.2125, 16.4554,
4.6348


 164.3800,
152.6573, 94.1243

 12.6588, 9.8470,
1.9797

202.4012,
189.5764, 122.0601

 7.2694, 5.2976,
0.5427

245.8750,
232.0142, 155.0394

 3.6790, 2.4229,
0.0000

295.1666,

 1.5222, 0.8376,

280.3549, 193.4808

0.0000

350.6415,
334.9831, 237.8028

■ 0.3408, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5133, 52.4790,
24.4455

■ 59.5133, 52.4790,
24.4455

■ 55.4022, 46.3878,
16.5066

■ 64.3769, 59.4182,
34.6629

■ 51.9949, 41.1005,
10.6619

■ 70.0302, 67.2314,
47.3170

■ 49.2413, 36.5798,
6.7032

■ 76.5120, 75.9528,
62.5553

■ 47.0814, 32.7812,
4.3763

■ 83.8572, 85.6125,
80.5128

45.9189, 30.6180,
3.4897

92.0986, 96.2388,
101.3147

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.



66.7174, 52.4790, 36.6386



59.5133, 52.4790, 24.4455



50.3611, 52.4790, 20.5154

Triad

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



59.5133, 52.4790, 24.4455



34.4919, 52.4790, 55.7776



58.5833, 52.4790, 112.8163

Complementary

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



59.5133, 52.4790, 24.4455



46.5432, 52.9127, 102.3674

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.



49.4015, 52.4790, 122.4522



59.5133, 52.4790, 24.4455



36.1439, 52.4790, 84.1424

Square

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



59.5133, 52.4790, 24.4455



36.5324, 52.4790, 34.8972



41.3462, 52.4790, 110.6676



66.1366, 52.4790, 87.2607

Rectangle

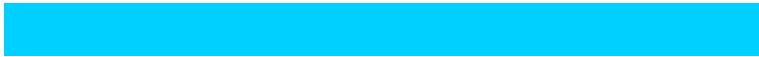
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5133, 52.4790, 24.4455



44.6065, 52.4790, 21.8151



41.3462, 52.4790, 110.6676



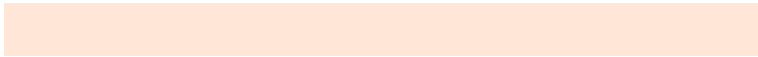
55.5530, 52.4790, 118.3104

Sweetspot

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



59.5146, 52.4816, 24.4465



81.8119, 82.9428, 75.4499



58.6005, 38.7594, 60.8096



17.1825, 17.3221, 15.3423



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.



59.5146, 52.4816, 24.4465



55.1536, 46.0104, 16.0534



75.4752, 84.4028, 29.7667



18.6012, 19.1706, 18.8642



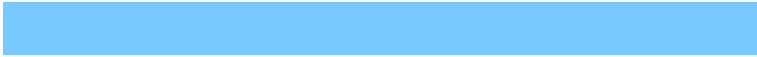
24.1295, 16.2702, 1.8687



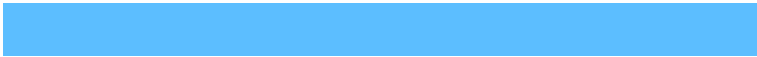
2.4525, 1.7904, 0.2163

Inverse Universe

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



46.5432, 52.9127, 102.3674



40.8989, 46.3955, 101.4074



34.3035, 28.4332, 98.2875



17.9141, 19.1999, 23.0117



15.5970, 16.1035, 51.7208



1.6254, 1.7815, 5.0715

Previews

White Background



This preview shows how the XYZ color 59.5133, 52.4790, 24.4455 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 59.5133, 52.4790, 24.4455 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 59.5133, 52.4790, 24.4455

Background



This preview shows how black text looks on a background with the XYZ color 59.5133, 52.4790, 24.4455.



This preview shows how white text looks on a background with the XYZ color 59.5133, 52.4790,

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

59.5133, 52.4790, 24.4455

Protanopia

48.9100, 52.7609, 27.3447

Deuteranopia

53.7486, 52.4750, 24.1254



Tritanopia

63.3793, 52.5199, 49.4447

Trichromacy



Original Color

59.5133, 52.4790, 24.4455

Protanomaly

52.2881, 52.2967, 26.0773

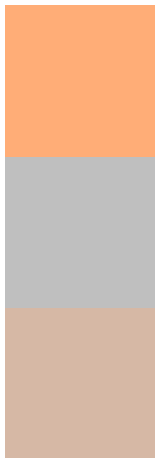
Deuteranomaly

55.6657, 52.2490, 24.2907

Tritanomaly

61.7005, 52.4438, 38.7690

Monochromacy



Original Color

59.5133, 52.4790, 24.4455

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.6636, 51.2937, 42.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5133, 52.4790, 24.4455 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, 173, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 119)  
}
```

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, 173, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 119) }
```

Border

The CSS property to change the border of an element to XYZ 59.5133, 52.4790, 24.4455 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, 173, 119) }
```


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

```
.border{ border-color:rgb(255, 173, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5133, 52.4790, 24.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 119) }
```

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

```
.background{ background-color: rgb(255,  
173, 119) }
```

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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