

Converting Colors

XYZ(73.1997, 59.7283, 24.2782)

Have a look what the booklet for
XYZ(73.1997, 59.7283, 24.2782)
contains.

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Color

**XYZ(59.5284, 52.7931,
23.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE74
RGB	255, 174, 116
RGB Percent	100%, 68%, 45%
CMY	0.0000, 0.3176, 0.5451
CMYK	0.00, 0.32, 0.55, 0.00
HSL	25°, 100%, 73%
HSV	25°, 55%, 100%
XYZ	59.5284, 52.7931, 23.5756
YIQ	191.6070, 66.8940, -0.8660

Conversions

Conversions Part 2

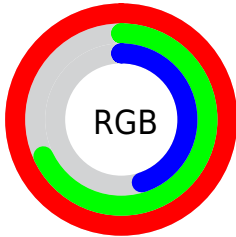
Format	Color
R _Y B	255, 216, 116
Decimal	16756340
CIE Lab	77.75, 23.68, 41.55
CIE LCh	78, 47.823, 60.313
Yxy	52.7931, 0.4380, 0.3885
Android (android.graphics.Color)	4294946420 (0xFFFFAE74)
YUV	191.6070, -37.2743, 55.5957
Hunter-Lab	72.6589, 19.0896, 31.6234

Details

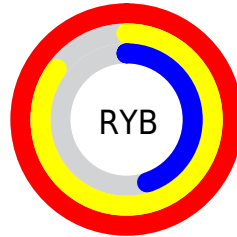
The XYZ color **59.5284, 52.7931, 23.5756** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.2175, 50.8629, 102.0415**, and the grayscale version is **50.0581, 52.6650, 57.3522**.

A 20% lighter version of the original color is **76.6982, 80.7182, 49.0739**, and **30.3264, 25.6702, 8.5107** is the 20% darker color. If you saturate the color by 10%, you get **55.5304, 46.8541, 15.9022**, and if you desaturate by 10%, it is **64.2536, 59.5353, 33.5005**.

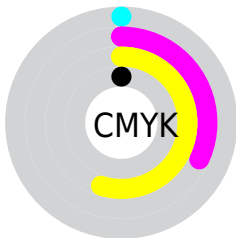
Distribution



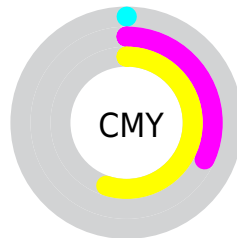
- Red (100%)
- Green (68%)
- Blue (45%)



- Red (100%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5284, 52.7931, 23.5756 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 59.5284, 52.7931, 23.5756 by changing the saturation by 10% instead.


 59.5284, 52.7931,
23.5756


 59.5284, 52.7931,
23.5756


412.7199,
397.4908, 283.8849


 43.2866, 37.6376,
14.8098

 103.2555, 94.2998,
50.2719

 30.3056, 25.7016,
8.5409


 131.4715,
121.4199, 69.0394

 20.2199, 16.6005,
4.3503

 164.4097,
153.2970, 91.9780

 12.6642, 9.9501,
1.8194

202.4353,
190.3154, 119.5061

 7.2731, 5.3659,
0.4407

245.9138,
232.8596, 152.0423

 3.6813, 2.4635,
0.0000

295.2105,

 1.5235, 0.8583,

281.3140, 190.0052

0.0000

350.6908,
336.0629, 233.8132

■ 0.3417, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5284, 52.7931,
23.5756

■ 59.5284, 52.7931,
23.5756

■ 55.5304, 46.8541,
15.9022

■ 64.2536, 59.5353,
33.5005

■ 52.2112, 41.6761,
10.2938

■ 69.7423, 67.1047,
45.8367

■ 49.5216, 37.2242,
6.5383

■ 76.0326, 75.5335,
60.7332

■ 47.4012, 33.4559,
4.3749

■ 83.1588, 84.8498,
78.3255

46.4366, 31.6535,
3.6623

91.1529, 95.0805,
98.7398

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



67.1820, 52.7931, 35.3857



59.5284, 52.7931, 23.5756



50.0810, 52.7931, 20.0692

Triad

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



59.5284, 52.7931, 23.5756



34.3889, 52.7931, 57.7619



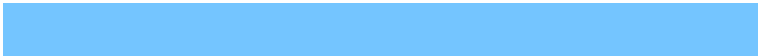
59.7175, 52.7931, 113.7342

Complementary

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



59.5284, 52.7931, 23.5756



45.2175, 50.8629, 102.0415

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.



50.2756, 52.7931, 125.0845



59.5284, 52.7931, 23.5756



36.3169, 52.7931, 87.2703

Square

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



59.5284, 52.7931, 23.5756



36.2385, 52.7931, 35.7361



41.8623, 52.7931, 114.1740



67.3003, 52.7931, 86.6342

Rectangle

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



59.5284, 52.7931, 23.5756



44.2445, 52.7931, 21.6834



41.8623, 52.7931, 114.1740



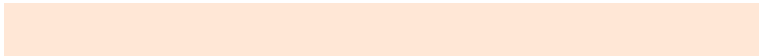
56.6201, 52.7931, 119.8329

Sweetspot

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



59.5297, 52.7957, 23.5766



82.0425, 83.4039, 75.5268



57.5730, 37.7861, 57.1327



17.2372, 17.4315, 15.3606



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.



59.5297, 52.7957, 23.5766



55.3522, 46.5825, 15.5803



76.5675, 86.8714, 29.2559



18.6322, 19.2325, 18.8746



24.4036, 16.8185, 1.9601



2.4810, 1.8474, 0.2258

Inverse Universe

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



45.2175, 50.8629, 102.0415



39.7171, 44.4027, 101.0850



32.9177, 26.2634, 97.9415



17.8824, 19.1364, 23.0011



15.1640, 15.2376, 51.5765



1.5844, 1.6996, 5.0578

Previews

White Background



This preview shows how the XYZ color 59.5284, 52.7931, 23.5756 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 59.5284, 52.7931, 23.5756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

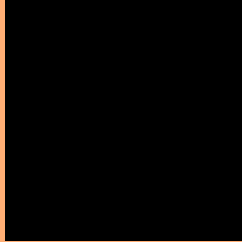
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5284, 52.7931, 23.5756

Background



This preview shows how black text looks on a background with the XYZ color 59.5284, 52.7931, 23.5756.



This preview shows how white text looks on a background with the XYZ color 59.5284, 52.7931,

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

59.5284, 52.7931, 23.5756

Protanopia

49.2235, 53.2716, 26.4270

Deuteranopia

54.1094, 52.9883, 23.2955



Tritanopia

63.6662, 52.9312, 50.0412

Trichromacy



Original Color

59.5284, 52.7931, 23.5756

Protanomaly

52.3131, 52.6426, 25.1731

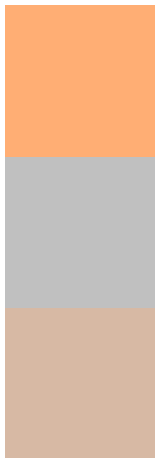
Deuteranomaly

56.0337, 52.7576, 23.4496

Tritanomaly

61.8887, 52.8201, 38.8317

Monochromacy



Original Color

59.5284, 52.7931, 23.5756

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0741, 51.8253, 42.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5284, 52.7931, 23.5756 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, 174, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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(255, 174, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 116) }
```

Border

The CSS property to change the border of an element to XYZ 59.5284, 52.7931, 23.5756 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, 174, 116) }
```


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

```
.border{ border-color:rgb(255, 174, 116) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5284, 52.7931, 23.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 116) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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