

Converting Colors

XYZ(59.4331, 52.5343, 23.5439)

Have a look what the booklet for
XYZ(59.4331, 52.5343, 23.5439)
contains.

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Color

**XYZ(59.3360, 52.4081,
23.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD74
RGB	255, 173, 116
RGB Percent	100%, 68%, 45%
CMY	0.0000, 0.3215, 0.5451
CMYK	0.00, 0.32, 0.55, 0.00
HSL	25°, 100%, 73%
HSV	25°, 55%, 100%
XYZ	59.3360, 52.4081, 23.5114
YIQ	191.0200, 67.1690, -0.3430

Conversions

Conversions Part 2

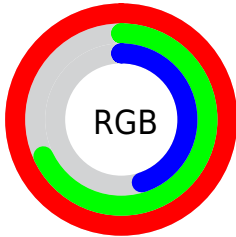
Format	Color
R_{YB}	255, 213, 116
Decimal	16756084
CIE _{Lab}	77.52, 24.21, 41.26
CIE _{LCh}	78, 47.838, 59.600
Yxy	52.4081, 0.4387, 0.3875
Android (android.graphics.Color)	4294946164 (0xFFFFAD74)
YUV	191.0200, -36.9849, 56.1105
Hunter-Lab	72.3934, 19.6158, 31.4196

Details

The XYZ color **59.3360, 52.4081, 23.5114** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.4455, 51.3188, 102.1178**, and the grayscale version is **49.7146, 52.3036, 56.9586**.

A 20% lighter version of the original color is **76.4207, 80.1632, 48.9814**, and **30.2055, 25.4284, 8.4704** is the 20% darker color. If you saturate the color by 10%, you get **55.3276, 46.4484, 15.8346**, and if you desaturate by 10%, it is **64.0787, 59.1853, 33.4421**.

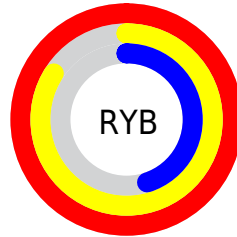
Distribution



Red (100%)

Green (68%)

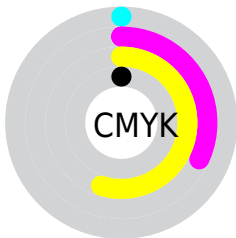
Blue (45%)



Red (100%)

Yellow (84%)

Blue (45%)

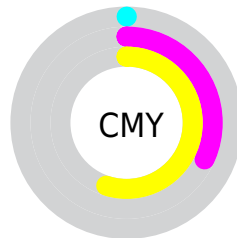


Cyan (0%)

Magenta (32%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3360, 52.4081, 23.5114 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 59.3360, 52.4081, 23.5114 by changing the saturation by 10% instead.


 59.3360, 52.4081,
23.5114


 59.3360, 52.4081,
23.5114


412.0200,
396.0101, 283.5475

 43.1311, 37.3305,
14.7627


 102.9777, 93.7328,
50.1655

 30.1829, 25.4635,
8.5083


 131.1451,
120.7487, 68.9080

 20.1262, 16.4227,
4.3295


 164.0308,
152.5128, 91.8188

 12.5956, 9.8237,
1.8078

202.0001,
189.4095, 119.3166

 7.2258, 5.2823,
0.4331

245.4183,
231.8231, 151.8198

 3.6513, 2.4138,
0.0000

294.6508,

 1.5068, 0.8330,

280.1382, 189.7470

0.0000

350.0629,
334.7391, 233.5167

■ 0.3305, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3360, 52.4081,
23.5114

■ 59.3360, 52.4081,
23.5114

■ 55.3276, 46.4484,
15.8346

■ 64.0787, 59.1853,
33.4421

■ 52.0049, 41.2634,
10.2250

■ 69.5925, 66.8049,
45.7868

■ 49.3181, 36.8170,
6.4704

■ 75.9159, 75.2998,
60.6942

■ 47.2063, 33.0659,
4.3098

■ 83.0835, 84.6990,
78.3004

46.2487, 31.2776,
3.5996

91.1276, 95.0298,
98.7314

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



66.8775, 52.4081, 35.4741



59.3360, 52.4081, 23.5114



49.9364, 52.4081, 19.8536

Triad

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



59.3360, 52.4081, 23.5114



34.1002, 52.4081, 56.7092



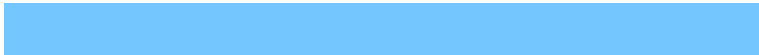
59.0951, 52.4081, 113.5946

Complementary

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



59.3360, 52.4081, 23.5114



45.4455, 51.3188, 102.1178

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.



49.6885, 52.4081, 124.4070



59.3360, 52.4081, 23.5114



35.9292, 52.4081, 86.0050

Square

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



59.3360, 52.4081, 23.5114



36.0290, 52.4081, 35.0281



41.3665, 52.4081, 113.0338



66.7268, 52.4081, 86.8159

Rectangle

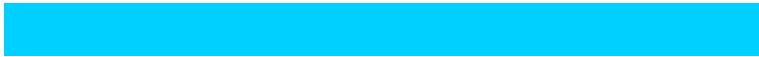
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3360, 52.4081, 23.5114



44.0973, 52.4081, 21.3445



41.3665, 52.4081, 113.0338



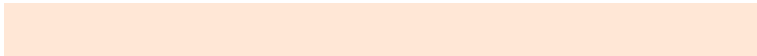
56.0009, 52.4081, 119.5267

Sweetspot

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



59.3373, 52.4107, 23.5124



81.9602, 83.2394, 75.4994



57.8409, 37.8933, 58.5426



17.2177, 17.3925, 15.3541



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.



59.3373, 52.4107, 23.5124



55.1490, 46.1761, 15.5125



75.8773, 85.4907, 29.0257



18.6211, 19.2105, 18.8709



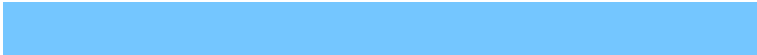
24.3041, 16.6195, 1.9269



2.4707, 1.8268, 0.2224

Inverse Universe

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



45.4455, 51.3188, 102.1178



39.9692, 44.9069, 101.1690



33.2222, 26.8722, 98.0433



17.8937, 19.1590, 23.0049



15.3161, 15.5417, 51.6272



1.5989, 1.7284, 5.0626

Previews

White Background



This preview shows how the XYZ color 59.3360, 52.4081, 23.5114 looks on a white background.

Color Contrast Check

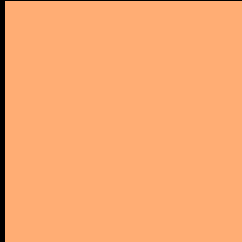
Large Text (above 18pt) WCAG AA × Fail

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 59.3360, 52.4081, 23.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

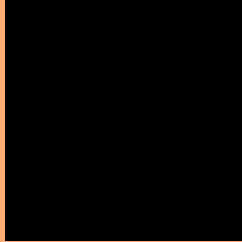
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3360, 52.4081, 23.5114

Background



This preview shows how black text looks on a background with the XYZ color 59.3360, 52.4081, 23.5114.



This preview shows how white text looks on a background with the XYZ color 59.3360, 52.4081,

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

59.3360, 52.4081, 23.5114

Protanopia

48.7193, 52.6846, 26.3403

Deuteranopia

53.5750, 52.4055, 23.2112



Tritanopia

63.3793, 52.5199, 49.4447

Trichromacy



Original Color

59.3360, 52.4081, 23.5114

Protanomaly

52.1032, 52.2227, 25.1032

Deuteranomaly

55.4902, 52.1788, 23.3665

Tritanomaly

61.6155, 52.4098, 38.3211

Monochromacy



Original Color

59.3360, 52.4081, 23.5114

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5729, 51.2575, 42.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3360, 52.4081, 23.5114 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 116) }
```

Border

The CSS property to change the border of an element to XYZ 59.3360, 52.4081, 23.5114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

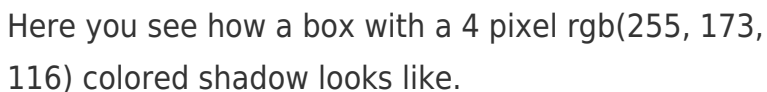
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 173, 116) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 173, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 173, 116); box-shadow:4px 4px 4px 4px rgb(255, 173, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3360, 52.4081, 23.5114 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, 116) }
```

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

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