

Converting Colors

$Yxy(60.3256, 0.4663, 0.3767)$

Have a look what the booklet for
Yxy(60.3256, 0.4663, 0.3767)
contains.

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Color

Yxy(52.4790, 0.4362, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD77
RGB	255, 173, 119
RGB Percent	100%, 68%, 47%
CMY	0.0000, 0.3216, 0.5332
CMYK	0.00, 0.32, 0.53, 0.00
HSL	24°, 100%, 73%
HSV	24°, 53%, 100%
XYZ	59.5199, 52.4790, 24.4520
YIQ	191.3620, 66.2060, 0.5900

Conversions

Conversions Part 2

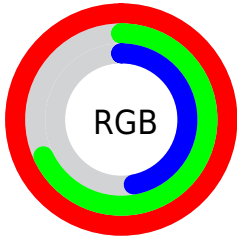
Format	Color
R _Y B	255, 209, 119
Decimal	16756087
CIE Lab	77.57, 24.47, 39.75
CIE LCh	78, 46.681, 58.389
Yxy	52.4790, 0.4362, 0.3846
Android (android.graphics.Color)	4294946167 (0xFFFFAD77)
YUV	191.3620, -35.6745, 55.8105
Hunter-Lab	72.4424, 19.8844, 30.6971

Details

The Yxy color **52.4790, 0.4362, 0.3846** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.9299, 0.2306, 0.2622**, and the grayscale version is **52.5029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2772, 0.3697, 0.3869**, and **25.4647, 0.4682, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **46.3829, 0.4683, 0.3921**, and if you desaturate by 10%, it is **59.4161, 0.4063, 0.3749**.

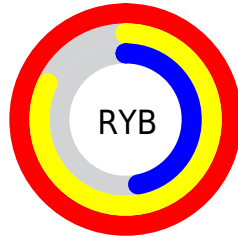
Distribution



Red (100%)

Green (68%)

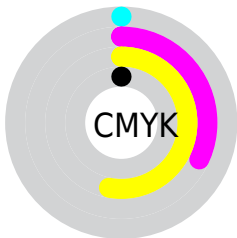
Blue (47%)



Red (100%)

Yellow (82%)

Blue (47%)

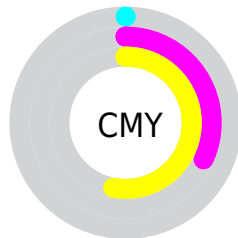


Cyan (0%)

Magenta (32%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4790, 0.4362, 0.3846 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 Yxy color 52.4790, 0.4362, 0.3846 by changing the saturation by 10% instead.


 52.4790, 0.4362,
0.3846

 52.4790, 0.4362,
0.3846


396.2830, 0.3761,
0.3611

 37.3870, 0.4503,
0.3890


 93.8373, 0.4150,
0.3772

 25.5073, 0.4676,
0.3937


 120.8724, 0.4068,
0.3740

 16.4554, 0.4894,
0.3984


 152.6573, 0.3998,
0.3713

 9.8470, 0.5170,
0.4021

189.5764, 0.3938,
0.3688

 5.2976, 0.5545,
0.4040

232.0142, 0.3885,
0.3665

 2.4229, 0.6030,
0.3970

280.3549, 0.3838,

 0.8376, 0.6451,

0.3645

0.3549

334.9831, 0.3797,
0.3627

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4790, 0.4362,
0.3846

52.4790, 0.4362,
0.3846

46.3829, 0.4683,
0.3921

59.4161, 0.4063,
0.3749

41.0947, 0.5011,
0.3961

67.2313, 0.3794,
0.3642

36.5735, 0.5322,
0.3953

75.9552, 0.3558,
0.3532

32.7748, 0.5589,
0.3891

85.6179, 0.3354,
0.3425

■ 30.6092, 0.5738,
0.3826

■ 96.2476, 0.3179,
0.3322

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



52.4790, 0.4281, 0.3367



52.4790, 0.4362, 0.3846



52.4790, 0.4083, 0.4254

Triad

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



52.4790, 0.4362, 0.3846



52.4790, 0.2417, 0.3677



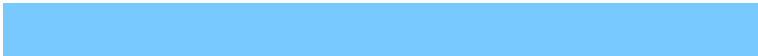
52.4790, 0.2616, 0.2344

Complementary

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



52.4790, 0.4362, 0.3846



52.9299, 0.2306, 0.2622

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.



52.4790, 0.2202, 0.2339



52.4790, 0.4362, 0.3846



52.4790, 0.2092, 0.3038

Square

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



52.4790, 0.4362, 0.3846



52.4790, 0.2949, 0.4236



52.4790, 0.2022, 0.2567



52.4790, 0.3212, 0.2549

Rectangle

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



52.4790, 0.4362, 0.3846



52.4790, 0.3752, 0.4414



52.4790, 0.2022, 0.2567



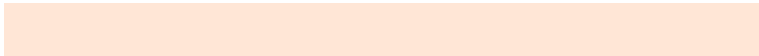
52.4790, 0.2454, 0.2319

Sweetspot

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



52.4779, 0.4362, 0.3846



82.9387, 0.3406, 0.3453



38.7651, 0.3705, 0.2451



17.3211, 0.3447, 0.3475



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.4779, 0.4362, 0.3846



46.0005, 0.4705, 0.3925



84.4052, 0.3980, 0.4450



19.1700, 0.3284, 0.3385



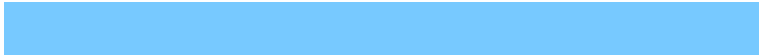
16.2655, 0.5709, 0.3849



1.7899, 0.5500, 0.4015

Inverse Universe

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



52.9299, 0.2306, 0.2622



46.4084, 0.2167, 0.2459



28.4401, 0.2131, 0.1766



19.2005, 0.2979, 0.3193



16.1115, 0.1870, 0.1931



1.7823, 0.1917, 0.2102

Previews

White Background



This preview shows how the Yxy color 52.4790, 0.4362, 0.3846 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 Yxy color 52.4790, 0.4362, 0.3846 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](#).

Yxy 52.4790, 0.4362, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 52.4790, 0.4362, 0.3846.



This preview shows how white text looks on a background with the Yxy color 52.4790, 0.4362, 0.3846.

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

52.4790, 0.4362, 0.3846

Protanopia

52.7609, 0.3791, 0.4089

Deuteranopia

52.4750, 0.4123, 0.4026



Tritanopia

52.5199, 0.3833, 0.3176

Trichromacy



Original Color

52.4790, 0.4362, 0.3846

Protanomaly

52.2967, 0.4002, 0.4002

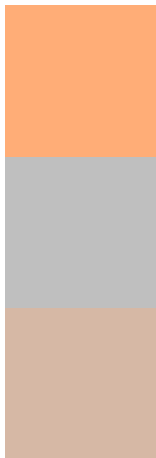
Deuteranomaly

52.2490, 0.4211, 0.3952

Tritanomaly

52.4438, 0.4035, 0.3430

Monochromacy



Original Color

52.4790, 0.4362, 0.3846

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2937, 0.3545, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4790, 0.4362, 0.3846 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 Yxy 52.4790, 0.4362, 0.3846 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 Yxy 52.4790, 0.4362, 0.3846 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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