

Converting Colors

$Yxy(59.1367, 0.4496, 0.3796)$

Have a look what the booklet for
Yxy(59.1367, 0.4496, 0.3796)
contains.

Yxy(54.1343, 0.4304, 0.3848)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1343, 0.4304, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	FFB17B
RGB	255, 177, 123
RGB Percent	100%, 69%, 48%
CMY	0.0000, 0.3059, 0.5176
CMYK	0.00, 0.31, 0.52, 0.00
HSL	25°, 100%, 74%
HSV	25°, 52%, 100%
XYZ	60.5494, 54.1343, 25.9980
YIQ	194.1660, 63.8220, -0.2580

Conversions

Conversions Part 2

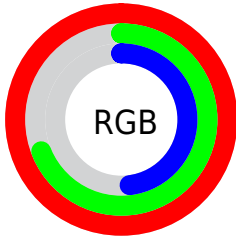
Format	Color
R _Y B	255, 214, 123
Decimal	16757115
CIE Lab	78.54, 22.72, 38.92
CIE LCh	79, 45.071, 59.724
Yxy	54.1343, 0.4304, 0.3848
Android (android.graphics.Color)	4294947195 (0xFFFFB17B)
YUV	194.1660, -35.0848, 53.3514
Hunter-Lab	73.5760, 18.1386, 30.5532

Details

The Yxy color **54.1343, 0.4304, 0.3848** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.2143, 0.2324, 0.2625**, and the grayscale version is **54.2298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6724, 0.3658, 0.3867**, and **26.4984, 0.4600, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **47.9429, 0.4617, 0.3930**, and if you desaturate by 10%, it is **61.1386, 0.4013, 0.3746**.

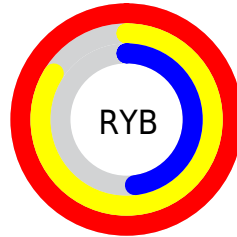
Distribution



Red (100%)

Green (69%)

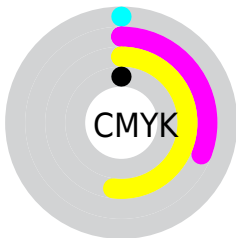
Blue (48%)



Red (100%)

Yellow (84%)

Blue (48%)

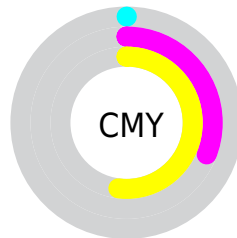


Cyan (0%)

Magenta (31%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1343, 0.4304, 0.3848 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 54.1343, 0.4304, 0.3848 by changing the saturation by 10% instead.


 54.1343, 0.4304,
0.3848


 54.1343, 0.4304,
0.3848


402.6219, 0.3733,
0.3610


 38.7090, 0.4437,
0.3894


 96.2714, 0.4103,
0.3772

 26.5335, 0.4601,
0.3944


 123.7520, 0.4025,
0.3740

 17.2231, 0.4807,
0.3996


 156.0199, 0.3959,
0.3712

 10.3937, 0.5070,
0.4044

193.4595, 0.3902,
0.3687

 5.6608, 0.5412,
0.4071

236.4550, 0.3851,
0.3664

 2.6399, 0.5927,
0.4073

285.3910, 0.3807,

 0.9468, 0.6302,

0.3644

0.3698

340.6519, 0.3768,
0.3626

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1343, 0.4304,
0.3848

54.1343, 0.4304,
0.3848

47.9429, 0.4617,
0.3930

61.1386, 0.4013,
0.3746

42.5464, 0.4940,
0.3979

69.0044, 0.3752,
0.3635

37.9016, 0.5249,
0.3982

77.7562, 0.3523,
0.3522

33.9667, 0.5520,
0.3930

87.4227, 0.3325,
0.3412

■ 31.2178, 0.5704,
0.3853

■ 98.0309, 0.3155,
0.3308

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.



54.1343, 0.4241, 0.3389



54.1343, 0.4304, 0.3848



54.1343, 0.4026, 0.4230

Triad

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



54.1343, 0.4304, 0.3848



54.1343, 0.2429, 0.3632



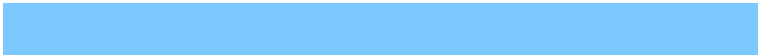
54.1343, 0.2661, 0.2385

Complementary

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



54.1343, 0.4304, 0.3848



53.2143, 0.2324, 0.2625

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.



54.1343, 0.2252, 0.2373



54.1343, 0.4304, 0.3848



54.1343, 0.2126, 0.3028

Square

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



54.1343, 0.4304, 0.3848



54.1343, 0.2934, 0.4171



54.1343, 0.2068, 0.2584



54.1343, 0.3237, 0.2590

Rectangle

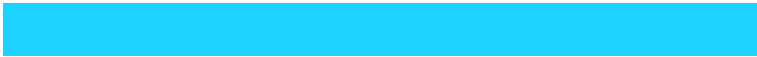
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.1343, 0.4304, 0.3848



54.1343, 0.3705, 0.4369



54.1343, 0.2068, 0.2584



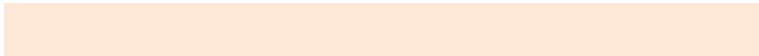
54.1343, 0.2502, 0.2358

Sweetspot

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



54.1288, 0.4304, 0.3848



83.2129, 0.3405, 0.3458



39.7013, 0.3705, 0.2493



17.3862, 0.3446, 0.3480



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.



54.1288, 0.4304, 0.3848



47.8056, 0.4625, 0.3932



86.0758, 0.3946, 0.4439



19.2069, 0.3284, 0.3388



16.5878, 0.5675, 0.3876



1.8236, 0.5469, 0.4039

Inverse Universe

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



53.2143, 0.2324, 0.2625



46.7322, 0.2186, 0.2464



29.0977, 0.2157, 0.1790



19.1627, 0.2979, 0.3190



15.5912, 0.1858, 0.1888



1.7331, 0.1907, 0.2064

Previews

White Background



This preview shows how the Yxy color 54.1343, 0.4304, 0.3848 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 54.1343, 0.4304, 0.3848 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 54.1343, 0.4304, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 54.1343, 0.4304, 0.3848.



This preview shows how white text looks on a background with the Yxy color 54.1343, 0.4304, 0.3848.

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

54.1343, 0.4304, 0.3848

Protanopia

54.4908, 0.3765, 0.4070

Deuteranopia

54.1605, 0.4092, 0.4010



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.1343, 0.4304, 0.3848

Protanomaly

53.8296, 0.3963, 0.3988

Deuteranomaly

54.1494, 0.4163, 0.3950

Tritanomaly

54.1053, 0.3981, 0.3429

Monochromacy



Original Color

54.1343, 0.4304, 0.3848

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3925, 0.3527, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1343, 0.4304, 0.3848 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, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 123)  
}
```

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, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 123) }
```

Border

The CSS property to change the border of an element to Yxy 54.1343, 0.4304, 0.3848 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, 177, 123) }
```

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

```
.border{ border-color:rgb(255, 177, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1343, 0.4304, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 123) }
```

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

```
.background{ background-color: rgb(255,  
177, 123) }
```

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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