

Converting Colors

$Yxy(59.3532, 0.4523, 0.3783)$

Have a look what the booklet for
Yxy(59.3532, 0.4523, 0.3783)
contains.

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Color

Yxy(53.7407, 0.4310, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	FFB07B
RGB	255, 176, 123
RGB Percent	100%, 69%, 48%
CMY	0.0000, 0.3098, 0.5176
CMYK	0.00, 0.31, 0.52, 0.00
HSL	24°, 100%, 74%
HSV	24°, 52%, 100%
XYZ	60.3498, 53.7407, 25.9322
YIQ	193.5790, 64.0970, 0.2650

Conversions

Conversions Part 2

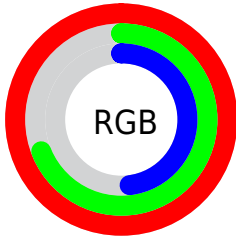
Format	Color
R _Y B	255, 212, 123
Decimal	16756859
CIE Lab	78.31, 23.24, 38.63
CIE LCh	78, 45.084, 58.970
Yxy	53.7407, 0.4310, 0.3838
Android (android.graphics.Color)	4294946939 (0xFFFFB07B)
YUV	193.5790, -34.7954, 53.8662
Hunter-Lab	73.3080, 18.6584, 30.3422

Details

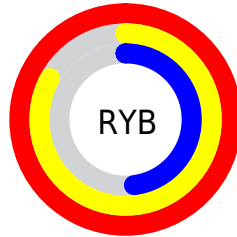
The Yxy color **53.7407, 0.4310, 0.3838** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.6793, 0.2326, 0.2638**, and the grayscale version is **53.8639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1078, 0.3661, 0.3857**, and **26.2491, 0.4610, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **47.5268, 0.4627, 0.3918**, and if you desaturate by 10%, it is **60.7867, 0.4016, 0.3738**.

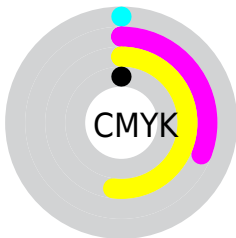
Distribution



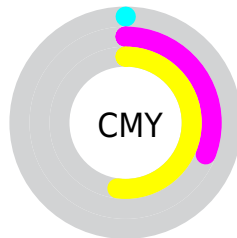
- Red (100%)
- Green (69%)
- Blue (48%)



- Red (100%)
- Yellow (83%)
- 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 53.7407, 0.4310, 0.3838 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 53.7407, 0.4310, 0.3838 by changing the saturation by 10% instead.


 53.7407, 0.4310,
0.3838


 53.7407, 0.4310,
0.3838


401.1204, 0.3735,
0.3604


 38.3944, 0.4444,
0.3882


 95.6934, 0.4107,
0.3763

 26.2889, 0.4610,
0.3931


 123.0686, 0.4029,
0.3732

 17.0399, 0.4819,
0.3982


 155.2222, 0.3962,
0.3705

 10.2630, 0.5084,
0.4027

192.5387, 0.3905,
0.3680

 5.5737, 0.5433,
0.4050

235.4023, 0.3854,
0.3658

 2.5876, 0.5956,
0.4044

284.1976, 0.3810,

 0.9204, 0.6342,

0.3638

339.3088, 0.3771,
0.3621

0.3658

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7407, 0.4310,
0.3838

53.7407, 0.4310,
0.3838

47.5268, 0.4627,
0.3918

60.7867, 0.4016,
0.3738

42.1205, 0.4953,
0.3966

68.7086, 0.3754,
0.3629

37.4795, 0.5266,
0.3967

77.5338, 0.3524,
0.3518

33.5608, 0.5540,
0.3914

87.2913, 0.3325,
0.3410

■ 30.8340, 0.5726,
0.3836

■ 98.0092, 0.3155,
0.3307

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.



53.7407, 0.4238, 0.3377



53.7407, 0.4310, 0.3838



53.7407, 0.4039, 0.4224

Triad

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



53.7407, 0.4310, 0.3838



53.7407, 0.2438, 0.3649



53.7407, 0.2647, 0.2380

Complementary

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



53.7407, 0.4310, 0.3838



53.6793, 0.2326, 0.2638

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.



53.7407, 0.2242, 0.2373



53.7407, 0.4310, 0.3838



53.7407, 0.2128, 0.3041

Square

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



53.7407, 0.4310, 0.3838



53.7407, 0.2947, 0.4184



53.7407, 0.2063, 0.2590



53.7407, 0.3222, 0.2582

Rectangle

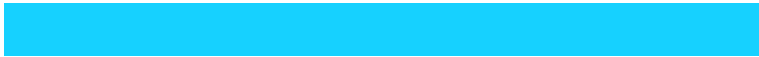
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7407, 0.4310, 0.3838



53.7407, 0.3720, 0.4369



53.7407, 0.2063, 0.2590



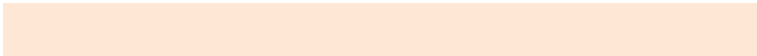
53.7407, 0.2489, 0.2355

Sweetspot

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



53.7371, 0.4310, 0.3838



83.0411, 0.3406, 0.3455



39.7010, 0.3705, 0.2493



17.3454, 0.3447, 0.3477



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.



53.7371, 0.4310, 0.3838



47.3893, 0.4634, 0.3920



86.0758, 0.3946, 0.4439



19.1838, 0.3284, 0.3386



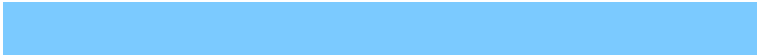
16.3846, 0.5696, 0.3859



1.8024, 0.5489, 0.4024

Inverse Universe

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



53.6793, 0.2326, 0.2638



47.2516, 0.2190, 0.2480



29.0973, 0.2157, 0.1790



19.1863, 0.2979, 0.3192



15.9155, 0.1865, 0.1915



1.7638, 0.1913, 0.2088

Previews

White Background



This preview shows how the Yxy color 53.7407, 0.4310, 0.3838 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 53.7407, 0.4310, 0.3838 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 53.7407, 0.4310, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 53.7407, 0.4310, 0.3838.



This preview shows how white text looks on a background with the Yxy color 53.7407, 0.4310, 0.3838.

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

53.7407, 0.4310, 0.3838

Protanopia

53.8969, 0.3761, 0.4062

Deuteranopia

53.5708, 0.4089, 0.4002



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.7407, 0.4310, 0.3838

Protanomaly

53.2417, 0.3959, 0.3980

Deuteranomaly

53.7383, 0.4169, 0.3940

Tritanomaly

53.7203, 0.3985, 0.3419

Monochromacy



Original Color

53.7407, 0.4310, 0.3838

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9667, 0.3530, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7407, 0.4310, 0.3838 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, 176, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 123) }
```

Border

The CSS property to change the border of an element to Yxy 53.7407, 0.4310, 0.3838 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, 176, 123) }
```

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

```
.border{ border-color:rgb(255, 176, 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, 176, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7407, 0.4310, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 123) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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