

Converting Colors

$Y_{xy}(61.6768, 0.4752, 0.3676)$

Have a look what the booklet for
Yxy(61.6768, 0.4752, 0.3676)
contains.

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Color

Yxy(51.0660, 0.4353, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	FFA97B
RGB	255, 169, 123
RGB Percent	100%, 66%, 48%
CMY	0.0000, 0.3373, 0.5176
CMYK	0.00, 0.34, 0.52, 0.00
HSL	21°, 100%, 74%
HSV	21°, 52%, 100%
XYZ	59.0099, 51.0660, 25.4856
YIQ	189.4700, 66.0220, 3.9260

Conversions

Conversions Part 2

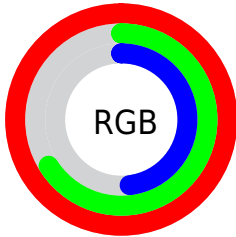
Format	Color
R _Y B	255, 194, 123
Decimal	16755067
CIE Lab	76.72, 26.89, 36.60
CIE LCh	77, 45.423, 53.694
Yxy	51.0660, 0.4353, 0.3767
Android (android.graphics.Color)	4294945147 (0xFFFFA97B)
YUV	189.4700, -32.7697, 57.4698
Hunter-Lab	71.4605, 22.3441, 28.8772

Details

The Yxy color **51.0660, 0.4353, 0.3767** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **57.0358, 0.2344, 0.2728**, and the grayscale version is **51.3325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2450, 0.3682, 0.3791**, and **24.5739, 0.4681, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **44.7123, 0.4692, 0.3835**, and if you desaturate by 10%, it is **58.3675, 0.4042, 0.3681**.

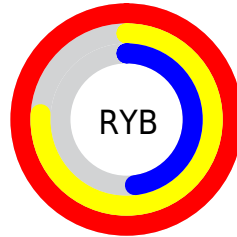
Distribution



Red (100%)

Green (66%)

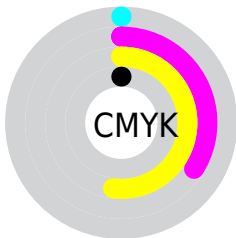
Blue (48%)



Red (100%)

Yellow (76%)

Blue (48%)

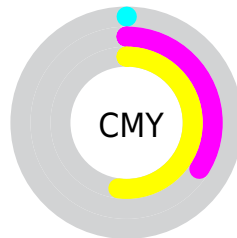


Cyan (0%)

Magenta (34%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0660, 0.4353, 0.3767 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 51.0660, 0.4353, 0.3767 by changing the saturation by 10% instead.


 51.0660, 0.4353,
0.3767

 51.0660, 0.4353,
0.3767


390.8202, 0.3750,
0.3568


 36.2611, 0.4496,
0.3803


 91.7523, 0.4139,
0.3705

 24.6359, 0.4674,
0.3841


 118.4026, 0.4057,
0.3678

 15.8060, 0.4899,
0.3878


 149.7701, 0.3987,
0.3654

 9.3870, 0.5190,
0.3904

186.2392, 0.3926,
0.3633

 4.9945, 0.5582,
0.3901

228.1944, 0.3874,
0.3614

 2.2440, 0.6161,
0.3839

276.0200, 0.3828,

 0.7438, 0.6653,

0.3597

0.3347

330.1005, 0.3787,
0.3582

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0660, 0.4353,
0.3767

51.0660, 0.4353,
0.3767

44.7123, 0.4692,
0.3835

58.3675, 0.4042,
0.3681

39.2699, 0.5044,
0.3870

66.6625, 0.3768,
0.3585

34.6905, 0.5383,
0.3862

75.9861, 0.3530,
0.3488

30.9223, 0.5677,
0.3801

86.3735, 0.3327,
0.3394

■ 28.3798, 0.5872,
0.3720

■ 97.8580, 0.3155,
0.3305

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.



51.0660, 0.4213, 0.3294



51.0660, 0.4353, 0.3767



51.0660, 0.4130, 0.4186

Triad

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



51.0660, 0.4353, 0.3767



51.0660, 0.2500, 0.3769



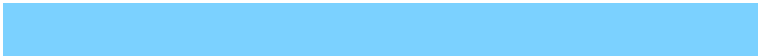
51.0660, 0.2548, 0.2344

Complementary

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



51.0660, 0.4353, 0.3767



57.0358, 0.2344, 0.2728

Split Complementary

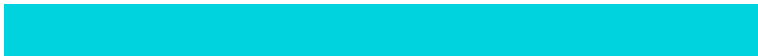
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.0660, 0.2173, 0.2374



51.0660, 0.4353, 0.3767



51.0660, 0.2143, 0.3135

Square

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



51.0660, 0.4353, 0.3767



51.0660, 0.3046, 0.4275



51.0660, 0.2034, 0.2637



51.0660, 0.3112, 0.2517

Rectangle

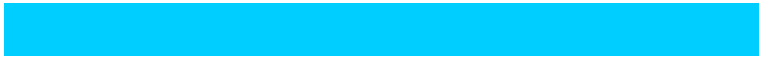
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.0660, 0.4353, 0.3767



51.0660, 0.3826, 0.4369



51.0660, 0.2034, 0.2637



51.0660, 0.2398, 0.2330

Sweetspot

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



51.0639, 0.4353, 0.3767



81.8413, 0.3409, 0.3433



40.1296, 0.3610, 0.2411



17.0610, 0.3451, 0.3453



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.



51.0639, 0.4353, 0.3767



44.5735, 0.4700, 0.3836



80.9681, 0.3989, 0.4367



19.0221, 0.3286, 0.3373



15.0802, 0.5842, 0.3743



1.6636, 0.5624, 0.3916

Inverse Universe

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



57.0358, 0.2344, 0.2728



51.0241, 0.2216, 0.2593



31.6824, 0.2178, 0.1899



19.3535, 0.2980, 0.3205



18.3419, 0.1918, 0.2105



1.9906, 0.1960, 0.2255

Previews

White Background



This preview shows how the Yxy color 51.0660, 0.4353, 0.3767 looks on a white background.

Color Contrast Check

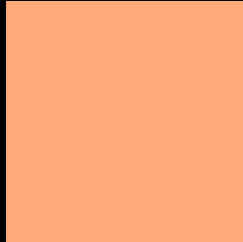
Large Text (above 18pt) WCAG AA × Fail

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 51.0660, 0.4353, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

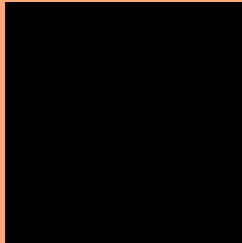
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0660, 0.4353, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 51.0660, 0.4353, 0.3767.



This preview shows how white text looks on a background with the Yxy color 51.0660, 0.4353, 0.3767.

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

51.0660, 0.4353, 0.3767

Protanopia

51.4447, 0.3725, 0.4018

Deuteranopia

51.0862, 0.4067, 0.3973



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

51.0660, 0.4353, 0.3767

Protanomaly

50.7024, 0.3949, 0.3922

Deuteranomaly

51.0266, 0.4163, 0.3898

Tritanomaly

50.9668, 0.4052, 0.3388

Monochromacy



Original Color

51.0660, 0.4353, 0.3767

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3186, 0.3541, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0660, 0.4353, 0.3767 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, 169, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 123) }
```

Border

The CSS property to change the border of an element to Yxy 51.0660, 0.4353, 0.3767 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, 169, 123) }
```

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

```
.border{ border-color:rgb(255, 169, 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, 169, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0660, 0.4353, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 123) }
```

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

```
.background{ background-color: rgb(255,  
169, 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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