

Converting Colors

Yxy(51.6633, 0.4368, 0.3804)

Have a look what the booklet for
Yxy(51.6633, 0.4368, 0.3804)
contains.

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Color

Yxy(51.7663, 0.4358, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB79
RGB	255, 171, 121
RGB Percent	100%, 67%, 47%
CMY	0.0000, 0.3294, 0.5256
CMYK	0.00, 0.33, 0.53, 0.00
HSL	22°, 100%, 74%
HSV	22°, 53%, 100%
XYZ	59.2586, 51.7663, 24.9517
YIQ	190.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

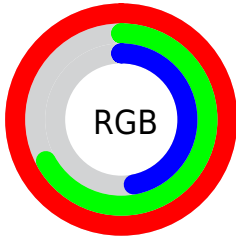
Format	Color
R_{YB}	255, 201, 121
Decimal	16755577
CIE _{Lab}	77.14, 25.67, 38.20
CIE _{LCh}	77, 46.025, 56.093
Yxy	51.7663, 0.4358, 0.3807
Android (android.graphics.Color)	4294945657 (0xFFFFAB79)
YUV	190.4160, -34.2221, 56.6402
Hunter-Lab	71.9488, 21.1061, 29.8025

Details

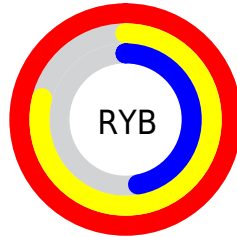
The Yxy color **51.7663, 0.4358, 0.3807** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.9390, 0.2325, 0.2675**, and the grayscale version is **51.9150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2542, 0.3690, 0.3830**, and **25.0139, 0.4682, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **45.5426, 0.4688, 0.3878**, and if you desaturate by 10%, it is **58.8832, 0.4053, 0.3715**.

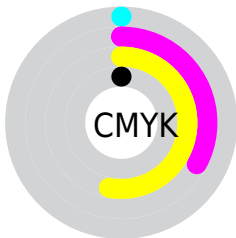
Distribution



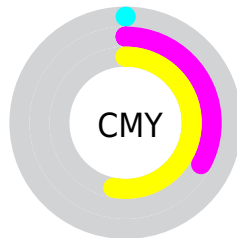
- Red (100%)
- Green (67%)
- Blue (47%)



- Red (100%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7663, 0.4358, 0.3807 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 51.7663, 0.4358, 0.3807 by changing the saturation by 10% instead.


 51.7663, 0.4358,
0.3807


 51.7663, 0.4358,
0.3807


393.5337, 0.3756,
0.3590


 36.8188, 0.4500,
0.3847

 92.7865, 0.4145,
0.3738

 25.0672, 0.4676,
0.3890


 119.6280, 0.4063,
0.3710

 16.1272, 0.4897,
0.3932


 151.2030, 0.3993,
0.3684

 9.6142, 0.5181,
0.3963

187.8958, 0.3932,
0.3661

 5.1439, 0.5564,
0.3972

230.0909, 0.3880,
0.3640

 2.3319, 0.6095,
0.3905

278.1727, 0.3833,

 0.7905, 0.6549,

0.3622

0.3451

332.5255, 0.3792,
0.3605

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7663, 0.4358,
0.3807

51.7663, 0.4358,
0.3807

45.5426, 0.4688,
0.3878

58.8832, 0.4053,
0.3715

40.1763, 0.5028,
0.3916

66.9332, 0.3781,
0.3614

35.6233, 0.5353,
0.3908

75.9495, 0.3544,
0.3510

31.8358, 0.5633,
0.3847

85.9643, 0.3341,
0.3409

■ 29.4744, 0.5805,
0.3773

■ 97.0086, 0.3167,
0.3313

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.



51.7663, 0.4248, 0.3331



51.7663, 0.4358, 0.3807



51.7663, 0.4106, 0.4221

Triad

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



51.7663, 0.4358, 0.3807



51.7663, 0.2458, 0.3722



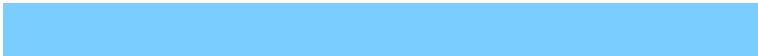
51.7663, 0.2582, 0.2344

Complementary

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



51.7663, 0.4358, 0.3807



54.9390, 0.2325, 0.2675

Split Complementary

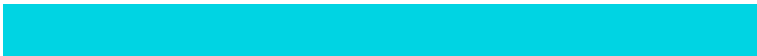
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.7663, 0.2188, 0.2356



51.7663, 0.4358, 0.3807



51.7663, 0.2117, 0.3086

Square

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



51.7663, 0.4358, 0.3807



51.7663, 0.2997, 0.4256



51.7663, 0.2027, 0.2601



51.7663, 0.3163, 0.2533

Rectangle

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



51.7663, 0.4358, 0.3807



51.7663, 0.3789, 0.4392



51.7663, 0.2027, 0.2601



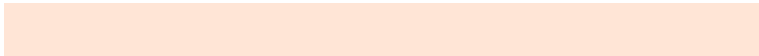
51.7663, 0.2426, 0.2324

Sweetspot

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



51.7652, 0.4358, 0.3807



82.4003, 0.3407, 0.3443



39.3800, 0.3669, 0.2440



17.1935, 0.3449, 0.3464



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.



51.7652, 0.4358, 0.3807



45.2864, 0.4703, 0.3881



83.2843, 0.3979, 0.4418



19.0975, 0.3285, 0.3379



15.6631, 0.5775, 0.3797



1.7263, 0.5561, 0.3966

Inverse Universe

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



54.9390, 0.2325, 0.2675



48.6687, 0.2192, 0.2526



29.7061, 0.2152, 0.1819



19.2752, 0.2979, 0.3199



17.1756, 0.1893, 0.2016



1.8821, 0.1938, 0.2177

Previews

White Background



This preview shows how the Yxy color 51.7663, 0.4358, 0.3807 looks on a white background.

Color Contrast Check

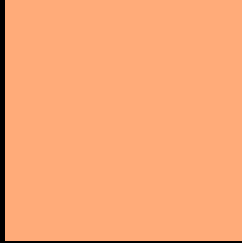
Large Text (above 18pt) WCAG AA × Fail

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 51.7663, 0.4358, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

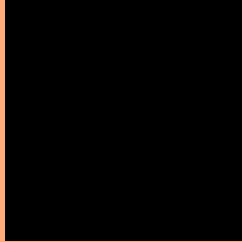
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7663, 0.4358, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 51.7663, 0.4358, 0.3807.

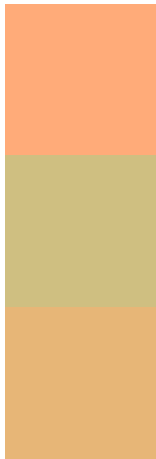


This preview shows how white text looks on a background with the Yxy color 51.7663, 0.4358, 0.3807.

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

51.7663, 0.4358, 0.3807

Protanopia

52.1120, 0.3754, 0.4049

Deuteranopia

51.7767, 0.4095, 0.4000



Tritanopia

51.7068, 0.3859, 0.3176

Trichromacy



Original Color

51.7663, 0.4358, 0.3807

Protanomaly

51.6346, 0.3965, 0.3964

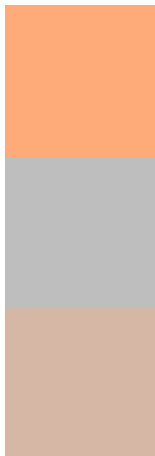
Deuteranomaly

51.7221, 0.4191, 0.3924

Tritanomaly

51.6996, 0.4043, 0.3409

Monochromacy



Original Color

51.7663, 0.4358, 0.3807

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8797, 0.3548, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7663, 0.4358, 0.3807 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 121) }
```

Border

The CSS property to change the border of an element to Yxy 51.7663, 0.4358, 0.3807 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, 171, 121) }
```

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

```
.border{ border-color:rgb(255, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7663, 0.4358, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 121) }
```

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

```
.background{ background-color: rgb(255,  
171, 121) }
```

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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