

Converting Colors

Yxy(51.2521, 0.4367, 0.3884)

Have a look what the booklet for
Yxy(51.2521, 0.4367, 0.3884)
contains.

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Color

Yxy(51.2521, 0.4367, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	FBAC73
RGB	251, 172, 115
RGB Percent	98%, 67%, 45%
CMY	0.0158, 0.3254, 0.5490
CMYK	0.00, 0.31, 0.54, 0.02
HSL	25°, 94%, 72%
HSV	25°, 54%, 98%
XYZ	57.6256, 51.2521, 23.0793
YIQ	189.1230, 65.3810, -0.9790

Conversions

Conversions Part 2

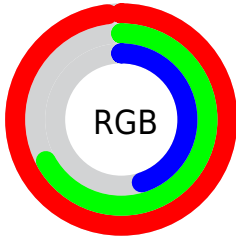
Format	Color
R _Y B	251, 213, 115
Decimal	16493683
CIE Lab	76.83, 23.05, 40.81
CIE LCh	77, 46.866, 60.541
Yxy	51.2521, 0.4367, 0.3884
Android (android.graphics.Color)	4294683763 (0xFFFBAC73)
YUV	189.1230, -36.5426, 54.2661
Hunter-Lab	71.5906, 18.3971, 30.9996

Details

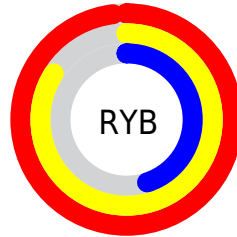
The Yxy color **51.2521, 0.4367, 0.3884** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.1831, 0.2287, 0.2570**, and the grayscale version is **51.1501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5740, 0.3728, 0.3900**, and **24.6517, 0.4690, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **45.5053, 0.4680, 0.3962**, and if you desaturate by 10%, it is **57.7699, 0.4073, 0.3783**.

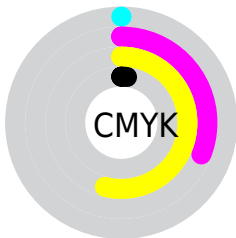
Distribution



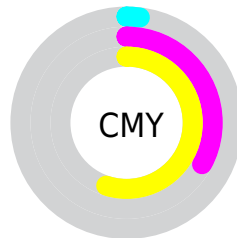
- Red (98%)
- Green (67%)
- Blue (45%)



- Red (98%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (54%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2521, 0.4367, 0.3884 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 51.2521, 0.4367, 0.3884 by changing the saturation by 10% instead.


 51.2521, 0.4367,
0.3884

 51.2521, 0.4367,
0.3884


391.5425, 0.3762,
0.3630


 36.4093, 0.4508,
0.3932


 92.0273, 0.4153,
0.3803

 24.7505, 0.4683,
0.3983


 118.7285, 0.4071,
0.3769

 15.8912, 0.4901,
0.4035


 150.1512, 0.4001,
0.3739

 9.4472, 0.5176,
0.4078

186.6800, 0.3940,
0.3713

 5.0340, 0.5570,
0.4118

228.6991, 0.3887,
0.3689

 2.2672, 0.5991,
0.4009

276.5929, 0.3840,

 0.7563, 0.6431,

0.3667

0.3569

330.7459, 0.3799,
0.3648

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2521, 0.4367,
0.3884

51.2521, 0.4367,
0.3884

45.5053, 0.4680,
0.3962

57.7699, 0.4073,
0.3783

40.4891, 0.4996,
0.4003

65.0812, 0.3808,
0.3671

36.1703, 0.5293,
0.3996

73.2170, 0.3573,
0.3555

32.5086, 0.5547,
0.3933

82.2042, 0.3369,
0.3441

■ 30.6532, 0.5673,
0.3877

■ 92.0682, 0.3193,
0.3333

■ 99.2452, 0.3102,
0.3290

Harmonies

Analogous

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



51.2521, 0.4314, 0.3402



51.2521, 0.4367, 0.3884



51.2521, 0.4061, 0.4287

Triad

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



51.2521, 0.4367, 0.3884



51.2521, 0.2377, 0.3634



51.2521, 0.2649, 0.2343

Complementary

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



51.2521, 0.4367, 0.3884



49.1831, 0.2287, 0.2570

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.



51.2521, 0.2215, 0.2322



51.2521, 0.4367, 0.3884



51.2521, 0.2067, 0.2993

Square

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



51.2521, 0.4367, 0.3884



51.2521, 0.2903, 0.4217



51.2521, 0.2015, 0.2533



51.2521, 0.3260, 0.2563

Rectangle

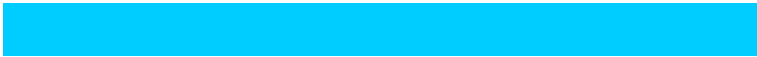
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.2521, 0.4367, 0.3884



51.2521, 0.3717, 0.4436



51.2521, 0.2015, 0.2533



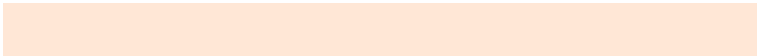
51.2521, 0.2480, 0.2312

Sweetspot

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



51.2546, 0.4367, 0.3884



83.4479, 0.3405, 0.3462



36.6800, 0.3769, 0.2483



17.4420, 0.3445, 0.3485



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.



51.2546, 0.4367, 0.3884



46.6920, 0.4708, 0.3967



83.8564, 0.3968, 0.4501



18.4210, 0.3283, 0.3390



16.3884, 0.5644, 0.3900



1.7222, 0.5432, 0.4069

Inverse Universe

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



49.1831, 0.2287, 0.2570



44.2684, 0.2143, 0.2393



25.6199, 0.2103, 0.1684



18.3177, 0.2980, 0.3188



14.7246, 0.1848, 0.1853



1.5733, 0.1900, 0.2041

Previews

White Background



This preview shows how the Yxy color 51.2521, 0.4367, 0.3884 looks on a white background.

Color Contrast Check

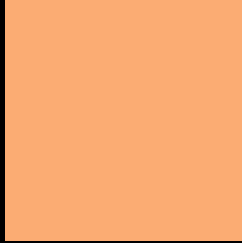
Large Text (above 18pt) WCAG AA × Fail

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 51.2521, 0.4367, 0.3884 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 51.2521, 0.4367, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 51.2521, 0.4367, 0.3884.



This preview shows how white text looks on a background with the Yxy color 51.2521, 0.4367, 0.3884.

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

51.2521, 0.4367, 0.3884

Protanopia

51.4975, 0.3813, 0.4120

Deuteranopia

51.2289, 0.4149, 0.4052



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.2521, 0.4367, 0.3884

Protanomaly

50.8869, 0.4018, 0.4033

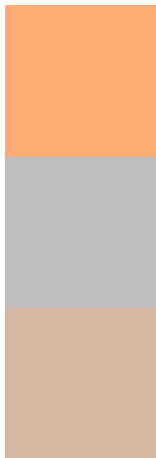
Deuteranomaly

51.2328, 0.4223, 0.3990

Tritanomaly

51.4092, 0.4063, 0.3441

Monochromacy



Original Color

51.2521, 0.4367, 0.3884

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4727, 0.3555, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2521, 0.4367, 0.3884 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(251, 172, 115)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 115)  
}
```

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(251, 172, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 115) }
```

Border

The CSS property to change the border of an element to Yxy 51.2521, 0.4367, 0.3884 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(251, 172, 115) }
```

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

```
.border{ border-color:rgb(251, 172, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 115);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2521, 0.4367, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 115) }
```

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

```
.background{ background-color: rgb(251,  
172, 115) }
```

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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