

Converting Colors

Yxy(53.7285, 0.4514, 0.3838)

Have a look what the booklet for
Yxy(53.7285, 0.4514, 0.3838)
contains.

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Color

Yxy(51.6007, 0.4417, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB72
RGB	255, 171, 114
RGB Percent	100%, 67%, 45%
CMY	0.0000, 0.3294, 0.5529
CMYK	0.00, 0.33, 0.55, 0.00
HSL	24°, 100%, 72%
HSV	24°, 55%, 100%
XYZ	58.8485, 51.6007, 22.7826
YIQ	189.6180, 68.3610, 0.0810

Conversions

Conversions Part 2

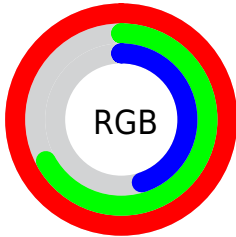
Format	Color
R _Y B	255, 210, 114
Decimal	16755570
CIE Lab	77.04, 25.12, 41.68
CIE LCh	77, 48.664, 58.928
Yxy	51.6007, 0.4417, 0.3873
Android (android.graphics.Color)	4294945650 (0xFFFFAB72)
YUV	189.6180, -37.2797, 57.3400
Hunter-Lab	71.8336, 20.5243, 31.4792

Details

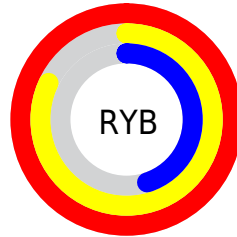
The Yxy color **51.6007, 0.4417, 0.3873** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.1986, 0.2277, 0.2579**, and the grayscale version is **51.4477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9882, 0.3738, 0.3901**, and **24.9291, 0.4753, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **45.6821, 0.4738, 0.3944**, and if you desaturate by 10%, it is **58.3358, 0.4115, 0.3778**.

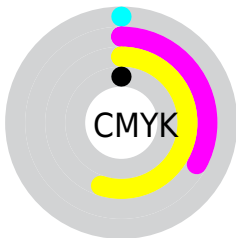
Distribution



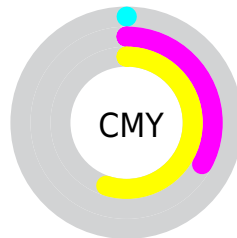
- Red (100%)
- Green (67%)
- Blue (45%)



- Red (100%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6007, 0.4417, 0.3873 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 51.6007, 0.4417, 0.3873 by changing the saturation by 10% instead.


 51.6007, 0.4417,
0.3873

 51.6007, 0.4417,
0.3873


392.8931, 0.3789,
0.3628


 36.6869, 0.4563,
0.3917


 92.5421, 0.4195,
0.3796

 24.9652, 0.4743,
0.3964


 119.3385, 0.4110,
0.3764

 16.0511, 0.4968,
0.4009


 150.8645, 0.4037,
0.3735

 9.5603, 0.5250,
0.4041

 187.5046, 0.3974,
0.3709

 5.1084, 0.5658,
0.4067

229.6431, 0.3919,
0.3686

 2.3110, 0.6074,
0.3926

277.6644, 0.3870,

 0.7795, 0.6527,

0.3665

0.3473

331.9530, 0.3827,
0.3646

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6007, 0.4417,
0.3873

51.6007, 0.4417,
0.3873

45.6821, 0.4738,
0.3944

58.3358, 0.4115,
0.3778

40.5517, 0.5061,
0.3977

65.9287, 0.3842,
0.3670

36.1674, 0.5362,
0.3960

74.4081, 0.3601,
0.3558

32.4843, 0.5615,
0.3889

83.8034, 0.3392,
0.3448

■ 30.9707, 0.5718,
0.3842

■ 94.1428, 0.3212,
0.3343

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.



51.6007, 0.4342, 0.3375



51.6007, 0.4417, 0.3873



51.6007, 0.4116, 0.4301

Triad

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



51.6007, 0.4417, 0.3873



51.6007, 0.2375, 0.3683



51.6007, 0.2602, 0.2307

Complementary

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



51.6007, 0.4417, 0.3873



51.1986, 0.2277, 0.2579

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.



51.6007, 0.2168, 0.2296



51.6007, 0.4417, 0.3873



51.6007, 0.2044, 0.3012

Square

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



51.6007, 0.4417, 0.3873



51.6007, 0.2926, 0.4279



51.6007, 0.1977, 0.2525



51.6007, 0.3226, 0.2523

Rectangle

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



51.6007, 0.4417, 0.3873



51.6007, 0.3766, 0.4470



51.6007, 0.1977, 0.2525



51.6007, 0.2432, 0.2279

Sweetspot

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



51.5981, 0.4417, 0.3873



82.1279, 0.3425, 0.3467



37.4040, 0.3762, 0.2446



17.1656, 0.3466, 0.3489



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.



51.5981, 0.4417, 0.3873



45.2908, 0.4761, 0.3948



85.3278, 0.3996, 0.4504



19.1921, 0.3284, 0.3387



16.4570, 0.5689, 0.3865



1.8100, 0.5482, 0.4029

Inverse Universe

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



51.1986, 0.2277, 0.2579



44.7666, 0.2140, 0.2411



26.2673, 0.2085, 0.1674



19.1778, 0.2979, 0.3192



15.7986, 0.1863, 0.1905



1.7527, 0.1911, 0.2079

Previews

White Background



This preview shows how the Yxy color 51.6007, 0.4417, 0.3873 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 51.6007, 0.4417, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

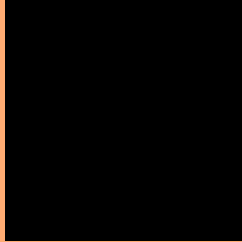
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6007, 0.4417, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 51.6007, 0.4417, 0.3873.



This preview shows how white text looks on a background with the Yxy color 51.6007, 0.4417, 0.3873.

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

51.6007, 0.4417, 0.3873

Protanopia

52.0520, 0.3825, 0.4139

Deuteranopia

51.7816, 0.4160, 0.4069



Tritanopia

51.7068, 0.3859, 0.3176

Trichromacy



Original Color

51.6007, 0.4417, 0.3873

Protanomaly

51.5965, 0.4038, 0.4049

Deuteranomaly

51.5583, 0.4248, 0.3994

Tritanomaly

51.5984, 0.4072, 0.3440

Monochromacy



Original Color

51.6007, 0.4417, 0.3873

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7717, 0.3573, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6007, 0.4417, 0.3873 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 114) }
```

Border

The CSS property to change the border of an element to Yxy 51.6007, 0.4417, 0.3873 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, 114) }
```

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

```
.border{ border-color:rgb(255, 171, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6007, 0.4417, 0.3873 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, 114) }
```

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

```
.background{ background-color: rgb(255,  
171, 114) }
```

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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