

Converting Colors

Yxy(51.7876, 0.4367, 0.3819)

Have a look what the booklet for
Yxy(51.7876, 0.4367, 0.3819)
contains.

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Color

Yxy(51.7419, 0.4366, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB78
RGB	255, 171, 120
RGB Percent	100%, 67%, 47%
CMY	0.0001, 0.3293, 0.5295
CMYK	0.00, 0.33, 0.53, 0.00
HSL	23°, 100%, 74%
HSV	23°, 53%, 100%
XYZ	59.1839, 51.7419, 24.6306
YIQ	190.3020, 66.4350, 1.9470

Conversions

Conversions Part 2

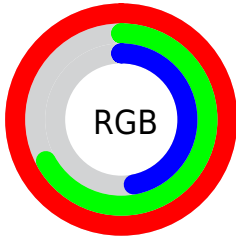
Format	Color
R _Y B	255, 202, 120
Decimal	16755576
CIE Lab	77.13, 25.56, 38.70
CIE LCh	77, 46.378, 56.559
Yxy	51.7419, 0.4366, 0.3817
Android (android.graphics.Color)	4294945656 (0xFFFFAB78)
YUV	190.3020, -34.6589, 56.7401
Hunter-Lab	71.9318, 20.9852, 30.0504

Details

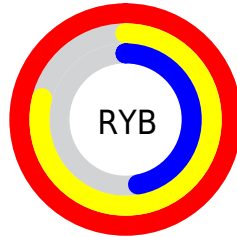
The Yxy color **51.7419, 0.4366, 0.3817** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.3612, 0.2318, 0.2661**, and the grayscale version is **51.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2153, 0.3697, 0.3840**, and **25.0012, 0.4692, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **45.5695, 0.4695, 0.3889**, and if you desaturate by 10%, it is **58.8028, 0.4061, 0.3725**.

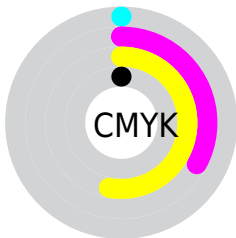
Distribution



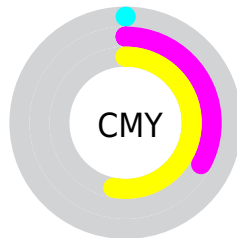
- Red (100%)
- Green (67%)
- Blue (47%)



- 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 51.7419, 0.4366, 0.3817 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 51.7419, 0.4366, 0.3817 by changing the saturation by 10% instead.


 51.7419, 0.4366,
0.3817

 51.7419, 0.4366,
0.3817


393.4394, 0.3760,
0.3595


 36.7994, 0.4509,
0.3858


 92.7505, 0.4151,
0.3747

 25.0522, 0.4685,
0.3901


 119.5854, 0.4069,
0.3718

 16.1160, 0.4907,
0.3944


 151.1531, 0.3999,
0.3691

 9.6062, 0.5191,
0.3976

187.8382, 0.3938,
0.3668

 5.1387, 0.5576,
0.3986

230.0250, 0.3885,
0.3647

 2.3289, 0.6090,
0.3910

278.0978, 0.3838,

 0.7889, 0.6544,

0.3628

0.3456

332.4412, 0.3797,
0.3611

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7419, 0.4366,
0.3817

51.7419, 0.4366,
0.3817

45.5695, 0.4695,
0.3889

58.8028, 0.4061,
0.3725

40.2393, 0.5032,
0.3926

66.7805, 0.3790,
0.3622

35.7114, 0.5354,
0.3917

75.7114, 0.3552,
0.3517

31.9387, 0.5630,
0.3854

85.6272, 0.3348,
0.3415

 29.6949, 0.5791,
0.3784

 96.5584, 0.3173,
0.3317

99.9943, 0.3127,
0.3290

Harmonies

Analogous

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



51.7419, 0.4262, 0.3338



51.7419, 0.4366, 0.3817



51.7419, 0.4107, 0.4232

Triad

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



51.7419, 0.4366, 0.3817



51.7419, 0.2445, 0.3716



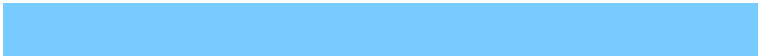
51.7419, 0.2586, 0.2339

Complementary

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



51.7419, 0.4366, 0.3817



54.3612, 0.2318, 0.2661

Split Complementary

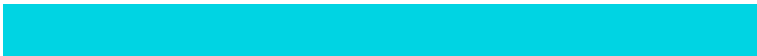
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.7419, 0.2185, 0.2348



51.7419, 0.4366, 0.3817



51.7419, 0.2107, 0.3074

Square

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



51.7419, 0.4366, 0.3817



51.7419, 0.2986, 0.4258



51.7419, 0.2021, 0.2590



51.7419, 0.3173, 0.2532

Rectangle

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



51.7419, 0.4366, 0.3817



51.7419, 0.3785, 0.4403



51.7419, 0.2021, 0.2590



51.7419, 0.2428, 0.2318

Sweetspot

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



51.7445, 0.4366, 0.3817



82.5117, 0.3407, 0.3445



39.1134, 0.3674, 0.2435



17.2199, 0.3449, 0.3466



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.



51.7445, 0.4366, 0.3817



44.9788, 0.4731, 0.3894



83.1616, 0.3985, 0.4425



19.1126, 0.3285, 0.3380



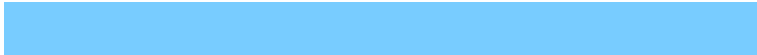
15.7845, 0.5762, 0.3807



1.7392, 0.5549, 0.3976

Inverse Universe

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



54.3612, 0.2318, 0.2661



47.7536, 0.2177, 0.2501



29.3809, 0.2144, 0.1806



19.2597, 0.2979, 0.3198



16.9506, 0.1888, 0.1998



1.8611, 0.1934, 0.2161

Previews

White Background



This preview shows how the Yxy color 51.7419, 0.4366, 0.3817 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 51.7419, 0.4366, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

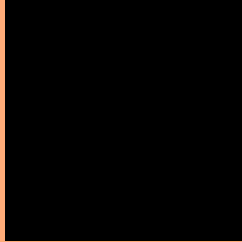
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7419, 0.4366, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 51.7419, 0.4366, 0.3817.



This preview shows how white text looks on a background with the Yxy color 51.7419, 0.4366, 0.3817.

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

51.7419, 0.4366, 0.3817

Protanopia

52.0855, 0.3762, 0.4060

Deuteranopia

51.7528, 0.4103, 0.4010



Tritanopia

51.7068, 0.3859, 0.3176

Trichromacy



Original Color

51.7419, 0.4366, 0.3817

Protanomaly

51.6089, 0.3973, 0.3975

Deuteranomaly

51.6980, 0.4200, 0.3934

Tritanomaly

51.6656, 0.4053, 0.3419

Monochromacy



Original Color

51.7419, 0.4366, 0.3817

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 51.7419, 0.4366, 0.3817 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 120) }
```

Border

The CSS property to change the border of an element to Yxy 51.7419, 0.4366, 0.3817 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, 120) }
```

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

```
.border{ border-color:rgb(255, 171, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7419, 0.4366, 0.3817 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
171, 120) }
```

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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