

Converting Colors

Yxy(51.8393, 0.3985, 0.3341)

Have a look what the booklet for
Yxy(51.8393, 0.3985, 0.3341)
contains.

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Color

Yxy(51.9096, 0.3986, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8A3
RGB	255, 168, 163
RGB Percent	100%, 66%, 64%
CMY	0.0000, 0.3412, 0.3607
CMYK	0.00, 0.34, 0.36, 0.00
HSL	3°, 100%, 82%
HSV	3°, 36%, 100%
XYZ	61.8570, 51.9096, 41.4191
YIQ	193.4430, 53.4570, 16.8890

Conversions

Conversions Part 2

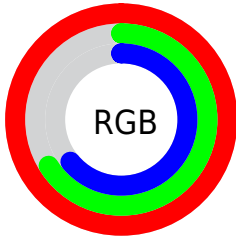
Format	Color
R _Y B	255, 168, 163
Decimal	16754851
CIE Lab	77.23, 31.46, 15.82
CIE LCh	77, 35.213, 26.700
Yxy	51.9096, 0.3986, 0.3345
Android (android.graphics.Color)	4294944931 (0xFFFFA8A3)
YUV	193.4430, -15.0084, 53.9855
Hunter-Lab	72.0483, 27.1664, 16.3493

Details

The Yxy color **51.9096, 0.3986, 0.3345** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.3927, 0.2612, 0.3234**, and the grayscale version is **53.6700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6333, 0.3390, 0.3351**, and **25.1449, 0.4228, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **42.9917, 0.4357, 0.3360**, and if you desaturate by 10%, it is **62.6655, 0.3679, 0.3329**.

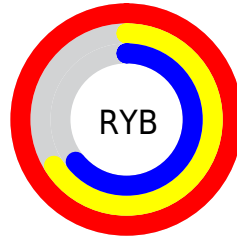
Distribution



Red (100%)

Green (66%)

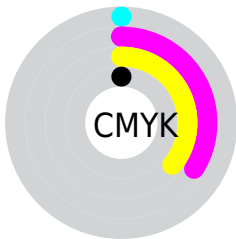
Blue (64%)



Red (100%)

Yellow (66%)

Blue (64%)

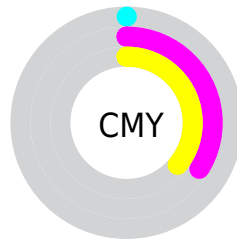


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9096, 0.3986, 0.3345 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 51.9096, 0.3986, 0.3345 by changing the saturation by 10% instead.


 51.9096, 0.3986,
0.3345


 51.9096, 0.3986,
0.3345


394.0875, 0.3560,
0.3331

 36.9330, 0.4091,
0.3344


 92.9979, 0.3832,
0.3343

 25.1556, 0.4224,
0.3342

 119.8784, 0.3774,
0.3341

 16.1930, 0.4398,
0.3334


151.4957, 0.3725,
0.3340

 9.6609, 0.4636,
0.3317

188.2342, 0.3683,
0.3338

 5.1747, 0.4976,
0.3279

230.4782, 0.3646,
0.3336

 2.3501, 0.5497,
0.3187

278.6121, 0.3614,

 0.8000, 0.6840,

0.3334

0.3160

333.0205, 0.3585,
0.3333

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9096, 0.3986,
0.3345

51.9096, 0.3986,
0.3345

42.9917, 0.4357,
0.3360

62.6655, 0.3679,
0.3329

35.8061, 0.4787,
0.3371

75.3508, 0.3430,
0.3313

30.2410, 0.5256,
0.3375

90.0548, 0.3229,
0.3298

26.1704, 0.5713,
0.3369

100.0000, 0.3127,
0.3290

■ 23.4499, 0.6088,
0.3353

■ 21.9061, 0.6320,
0.3327

■ 21.5689, 0.6374,
0.3321

Harmonies

Analogous

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



51.9096, 0.3646, 0.2982



51.9096, 0.3986, 0.3345



51.9096, 0.4071, 0.3720

Triad

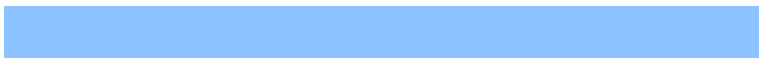
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9096, 0.3986, 0.3345



51.9096, 0.3029, 0.4003



51.9096, 0.2396, 0.2559

Complementary

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



51.9096, 0.3986, 0.3345



83.3927, 0.2612, 0.3234

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.



51.9096, 0.2263, 0.2760



51.9096, 0.3986, 0.3345



51.9096, 0.2607, 0.3610

Square

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



51.9096, 0.3986, 0.3345



51.9096, 0.3497, 0.4151



51.9096, 0.2335, 0.3137



51.9096, 0.2717, 0.2545

Rectangle

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



51.9096, 0.3986, 0.3345



51.9096, 0.3974, 0.3938



51.9096, 0.2335, 0.3137



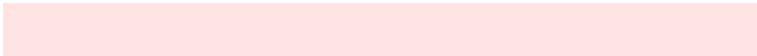
51.9096, 0.2329, 0.2605

Sweetspot

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



51.9107, 0.3986, 0.3345



82.5483, 0.3323, 0.3306



54.3893, 0.3206, 0.2433



17.2457, 0.3350, 0.3308



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.



51.9107, 0.3986, 0.3345



45.5406, 0.4236, 0.3355



71.8008, 0.3812, 0.3812



18.1447, 0.3293, 0.3303



11.3336, 0.6363, 0.3329



1.1565, 0.6276, 0.3399

Inverse Universe

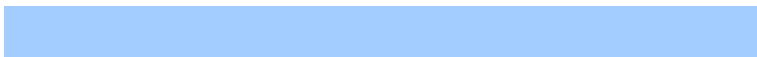
The Inverse Universe completely reimagines the original color for something new.



83.3927, 0.2612, 0.3234



81.0624, 0.2531, 0.3221



58.3905, 0.2537, 0.2700



20.3029, 0.2980, 0.3277



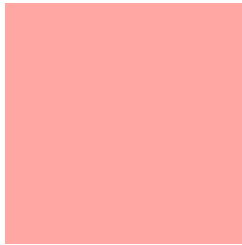
36.7781, 0.2200, 0.3120



3.6304, 0.2206, 0.3141

Previews

White Background



This preview shows how the Yxy color 51.9096, 0.3986, 0.3345 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 51.9096, 0.3986, 0.3345 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 51.9096, 0.3986, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 51.9096, 0.3986, 0.3345.



This preview shows how white text looks on a background with the Yxy color 51.9096, 0.3986, 0.3345.

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

51.9096, 0.3986, 0.3345

Protanopia

51.9278, 0.3311, 0.3477

Deuteranopia

52.0347, 0.3642, 0.3575



Tritanopia

51.7871, 0.3839, 0.3155

Trichromacy



Original Color

51.9096, 0.3986, 0.3345

Protanomaly

51.4562, 0.3543, 0.3421

Deuteranomaly

51.7376, 0.3769, 0.3485

Tritanomaly

51.9146, 0.3894, 0.3229

Monochromacy



Original Color

51.9096, 0.3986, 0.3345

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2573, 0.3419, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9096, 0.3986, 0.3345 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, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 163)  
}
```

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, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.9096, 0.3986, 0.3345 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, 168, 163) }
```

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

```
.border{ border-color:rgb(255, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9096, 0.3986, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 163) }
```

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

```
.background{ background-color: rgb(255,  
168, 163) }
```

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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