

Converting Colors

$Y_{xy}(83.1756, 0.4972, 0.3386)$

Have a look what the booklet for
Yxy(83.1756, 0.4972, 0.3386)
contains.

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Color

Yxy(51.5984, 0.4072, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFA89A
RGB	255, 168, 154
RGB Percent	100%, 66%, 60%
CMY	0.0000, 0.3412, 0.3960
CMYK	0.00, 0.34, 0.40, 0.00
HSL	8°, 100%, 80%
HSV	8°, 40%, 100%
XYZ	61.0781, 51.5984, 37.3188
YIQ	192.4170, 56.3460, 14.0900

Conversions

Conversions Part 2

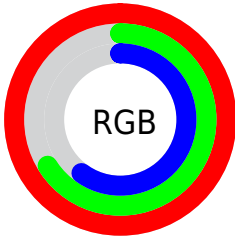
Format	Color
R _Y B	255, 170, 154
Decimal	16754842
CIE Lab	77.04, 30.44, 20.45
CIE LCh	77, 36.668, 33.895
Yxy	51.5984, 0.4072, 0.3440
Android (android.graphics.Color)	4294944922 (0xFFFFA89A)
YUV	192.4170, -18.9396, 54.8853
Hunter-Lab	71.8320, 26.0708, 19.4795

Details

The Yxy color **51.5984, 0.4072, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.0107, 0.2554, 0.3130**, and the grayscale version is **53.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1254, 0.3459, 0.3453**, and **24.9765, 0.4334, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **43.4004, 0.4440, 0.3475**, and if you desaturate by 10%, it is **61.3498, 0.3761, 0.3401**.

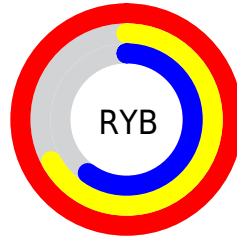
Distribution



Red (100%)

Green (66%)

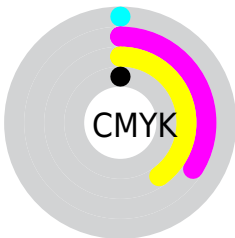
Blue (60%)



Red (100%)

Yellow (67%)

Blue (60%)

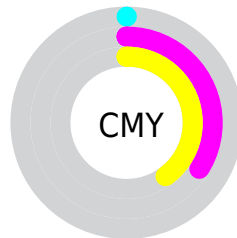


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5984, 0.4072, 0.3440 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 51.5984, 0.4072, 0.3440 by changing the saturation by 10% instead.


 51.5984, 0.4072,
0.3440

 51.5984, 0.4072,
0.3440


392.8842, 0.3603,
0.3384

 36.6851, 0.4187,
0.3448


 92.5387, 0.3903,
0.3424

 24.9637, 0.4333,
0.3456


 119.3344, 0.3839,
0.3416

 16.0500, 0.4523,
0.3461


150.8598, 0.3785,
0.3410

 9.5596, 0.4781,
0.3457

187.4991, 0.3738,
0.3404

 5.1079, 0.5146,
0.3433

229.6368, 0.3698,
0.3398

 2.3107, 0.5723,
0.3367

277.6573, 0.3662,

 0.7794, 0.6806,

0.3393

0.3194

331.9450, 0.3631,
0.3388

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5984, 0.4072,
0.3440

51.5984, 0.4072,
0.3440

43.4004, 0.4440,
0.3475

61.3498, 0.3761,
0.3401

36.6713, 0.4857,
0.3499

72.7251, 0.3503,
0.3362

31.3250, 0.5300,
0.3506

85.7952, 0.3293,
0.3324

27.2643, 0.5724,
0.3488

100.0000, 0.3127,
0.3290

■ 24.3792, 0.6068,
0.3444

■ 22.5356, 0.6290,
0.3384

■ 22.4808, 0.6297,
0.3382

Harmonies

Analogous

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



51.5984, 0.3772, 0.3054



51.5984, 0.4072, 0.3440



51.5984, 0.4089, 0.3822

Triad

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



51.5984, 0.4072, 0.3440



51.5984, 0.2908, 0.3957



51.5984, 0.2430, 0.2509

Complementary

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



51.5984, 0.4072, 0.3440



77.0107, 0.2554, 0.3130

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.



51.5984, 0.2243, 0.2669



51.5984, 0.4072, 0.3440



51.5984, 0.2500, 0.3504

Square

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



51.5984, 0.4072, 0.3440



51.5984, 0.3397, 0.4181



51.5984, 0.2266, 0.3021



51.5984, 0.2803, 0.2540

Rectangle

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



51.5984, 0.4072, 0.3440



51.5984, 0.3944, 0.4031



51.5984, 0.2266, 0.3021



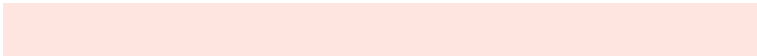
51.5984, 0.2345, 0.2541

Sweetspot

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



51.5998, 0.4072, 0.3440



82.5020, 0.3340, 0.3333



50.7596, 0.3285, 0.2425



17.2840, 0.3366, 0.3338



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.



51.5998, 0.4072, 0.3440



44.6123, 0.4377, 0.3470



73.7223, 0.3860, 0.3945



18.3926, 0.3291, 0.3324



11.8694, 0.6277, 0.3398



1.2733, 0.6099, 0.3539

Inverse Universe

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



77.0107, 0.2554, 0.3130



73.3512, 0.2455, 0.3091



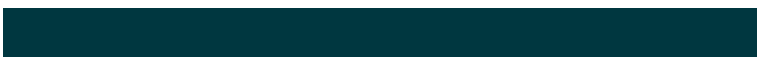
51.3724, 0.2461, 0.2527



20.0271, 0.2980, 0.3256



30.5974, 0.2123, 0.2844



3.0922, 0.2139, 0.2900

Previews

White Background



This preview shows how the Yxy color 51.5984, 0.4072, 0.3440 looks on a white background.

Color Contrast Check

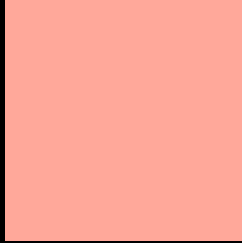
Large Text (above 18pt) WCAG AA × Fail

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 51.5984, 0.4072, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

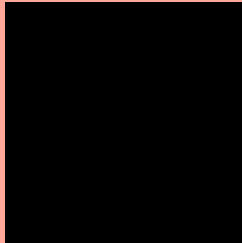
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5984, 0.4072, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 51.5984, 0.4072, 0.3440.



This preview shows how white text looks on a background with the Yxy color 51.5984, 0.4072, 0.3440.

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

51.5984, 0.4072, 0.3440

Protanopia

51.8229, 0.3408, 0.3602

Deuteranopia

51.6309, 0.3740, 0.3668



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.5984, 0.4072, 0.3440



Protanomaly

51.2447, 0.3639, 0.3540



Deuteranomaly

51.6002, 0.3859, 0.3587



Tritanomaly

51.7620, 0.3932, 0.3271

Monochromacy



Original Color

51.5984, 0.4072, 0.3440



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.5284, 0.3446, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5984, 0.4072, 0.3440 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 154) }
```

Border

The CSS property to change the border of an element to Yxy 51.5984, 0.4072, 0.3440 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, 154) }
```

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

```
.border{ border-color:rgb(255, 168, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5984, 0.4072, 0.3440 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
168, 154) }
```

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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