

Converting Colors

Yxy(53.6583, 0.4123, 0.3593)

Have a look what the booklet for
Yxy(53.6583, 0.4123, 0.3593)
contains.

Yxy(53.6074, 0.4119, 0.3587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6074, 0.4119, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE92
RGB	255, 174, 146
RGB Percent	100%, 68%, 57%
CMY	0.0001, 0.3176, 0.4276
CMYK	0.00, 0.32, 0.43, 0.00
HSL	15°, 100%, 79%
HSV	15°, 43%, 100%
XYZ	61.5581, 53.6074, 34.2836
YIQ	195.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

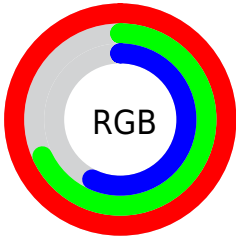
Format	Color
R _Y B	255, 184, 146
Decimal	16756370
CIE Lab	78.23, 26.43, 26.41
CIE LCh	78, 37.358, 44.980
Yxy	53.6074, 0.4119, 0.3587
Android (android.graphics.Color)	4294946450 (0xFFFFAE92)
YUV	195.0270, -24.1703, 52.5963
Hunter-Lab	73.2171, 21.9460, 23.4896

Details

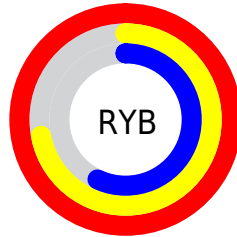
The Yxy color **53.6074, 0.4119, 0.3587** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2305, 0.2490, 0.2962**, and the grayscale version is **54.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0238, 0.3503, 0.3594**, and **26.2367, 0.4391, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **46.0935, 0.4464, 0.3649**, and if you desaturate by 10%, it is **62.3352, 0.3819, 0.3517**.

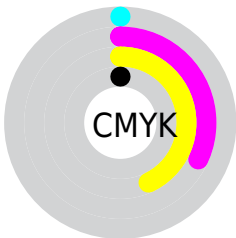
Distribution



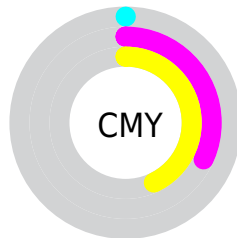
- Red (100%)
- Green (68%)
- Blue (57%)



- Red (100%)
- Yellow (72%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6074, 0.4119, 0.3587 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 53.6074, 0.4119, 0.3587 by changing the saturation by 10% instead.


 53.6074, 0.4119,
0.3587


 53.6074, 0.4119,
0.3587


400.6111, 0.3631,
0.3463

 38.2879, 0.4237,
0.3610


 95.4976, 0.3944,
0.3548

 26.2062, 0.4385,
0.3636


 122.8370, 0.3878,
0.3531

 16.9780, 0.4576,
0.3663


154.9518, 0.3821,
0.3516

 10.2188, 0.4831,
0.3686

192.2265, 0.3773,
0.3503

 5.5443, 0.5182,
0.3694

235.0453, 0.3730,
0.3492

 2.5700, 0.5782,
0.3711

283.7928, 0.3693,

 0.9116, 0.6515,

0.3481

0.3485

338.8533, 0.3660,
0.3472

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6074, 0.4119,
0.3587

53.6074, 0.4119,
0.3587

46.0935, 0.4464,
0.3649

62.3352, 0.3819,
0.3517

39.7307, 0.4844,
0.3693

72.3202, 0.3564,
0.3444

34.4625, 0.5240,
0.3707

83.6132, 0.3350,
0.3374

30.2237, 0.5613,
0.3682

96.2599, 0.3171,
0.3307

■ 26.9415, 0.5923,
0.3613

99.9970, 0.3127,
0.3290

■ 25.1073, 0.6093,
0.3544

Harmonies

Analogous

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



53.6074, 0.3916, 0.3192



53.6074, 0.4119, 0.3587



53.6074, 0.4028, 0.3948

Triad

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



53.6074, 0.4119, 0.3587



53.6074, 0.2740, 0.3810



53.6074, 0.2545, 0.2495

Complementary

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



53.6074, 0.4119, 0.3587



68.2305, 0.2490, 0.2962

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.



53.6074, 0.2284, 0.2583



53.6074, 0.4119, 0.3587



53.6074, 0.2386, 0.3318

Square

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



53.6074, 0.4119, 0.3587



53.6074, 0.3215, 0.4139



53.6074, 0.2227, 0.2867



53.6074, 0.2975, 0.2591

Rectangle

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



53.6074, 0.4119, 0.3587



53.6074, 0.3824, 0.4121



53.6074, 0.2227, 0.2867



53.6074, 0.2437, 0.2503

Sweetspot

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



53.6100, 0.4119, 0.3587



83.3307, 0.3354, 0.3376



47.3917, 0.3414, 0.2471



17.2796, 0.3399, 0.3391



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.



53.6100, 0.4119, 0.3587



47.3332, 0.4400, 0.3639



78.6700, 0.3875, 0.4114



18.7466, 0.3288, 0.3352



13.3227, 0.6065, 0.3566



1.4642, 0.5847, 0.3739

Inverse Universe

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



68.2305, 0.2490, 0.2962



63.5748, 0.2384, 0.2887



43.2998, 0.2378, 0.2294



19.6437, 0.2980, 0.3227



23.1318, 0.2009, 0.2431



2.4283, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 53.6074, 0.4119, 0.3587 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 53.6074, 0.4119, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

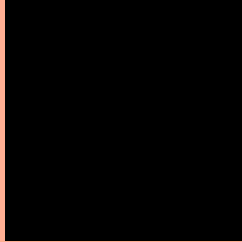
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6074, 0.4119, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 53.6074, 0.4119, 0.3587.



This preview shows how white text looks on a background with the Yxy color 53.6074, 0.4119, 0.3587.

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

53.6074, 0.4119, 0.3587

Protanopia

54.0719, 0.3530, 0.3768

Deuteranopia

53.7894, 0.3851, 0.3773



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.6074, 0.4119, 0.3587

Protanomaly

53.6549, 0.3735, 0.3699

Deuteranomaly

53.6774, 0.3940, 0.3704

Tritanomaly

53.6296, 0.3914, 0.3324

Monochromacy



Original Color

53.6074, 0.4119, 0.3587

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4667, 0.3463, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6074, 0.4119, 0.3587 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, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 146)  
}
```

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, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 146) }
```

Border

The CSS property to change the border of an element to Yxy 53.6074, 0.4119, 0.3587 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, 174, 146) }
```

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

```
.border{ border-color:rgb(255, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6074, 0.4119, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 146) }
```

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

```
.background{ background-color: rgb(255,  
174, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor