

Converting Colors

$Yxy(60.2982, 0.3882, 0.3534)$

Have a look what the booklet for
Yxy(60.2982, 0.3882, 0.3534)
contains.

Yxy(60.4084, 0.3879, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4084, 0.3879, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA6
RGB	255, 189, 166
RGB Percent	100%, 74%, 65%
CMY	0.0000, 0.2588, 0.3489
CMYK	0.00, 0.26, 0.35, 0.00
HSL	15°, 100%, 83%
HSV	15°, 35%, 100%
XYZ	66.3244, 60.4084, 44.2505
YIQ	206.1120, 46.7190, 6.8390

Conversions

Conversions Part 2

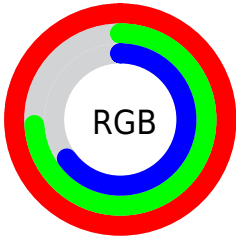
Format	Color
R _Y B	255, 197, 166
Decimal	16760230
CIE Lab	82.06, 20.82, 20.92
CIE LCh	82, 29.516, 45.148
Yxy	60.4084, 0.3879, 0.3533
Android (android.graphics.Color)	4294950310 (0xFFFFBDA6)
YUV	206.1120, -19.7752, 42.8748
Hunter-Lab	77.7228, 16.3072, 20.6500

Details

The Yxy color **60.4084, 0.3879, 0.3533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0543, 0.2598, 0.3030**, and the grayscale version is **61.9046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7853, 0.3341, 0.3527**, and **30.4132, 0.4081, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **51.9508, 0.4189, 0.3602**, and if you desaturate by 10%, it is **70.1152, 0.3615, 0.3460**.

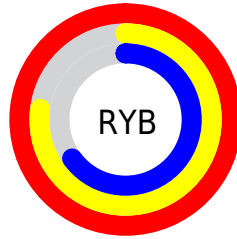
Distribution



Red (100%)

Green (74%)

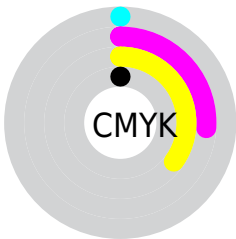
Blue (65%)



Red (100%)

Yellow (77%)

Blue (65%)

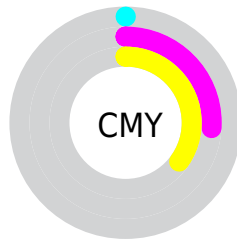


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4084, 0.3879, 0.3533 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 60.4084, 0.3879, 0.3533 by changing the saturation by 10% instead.


 60.4084, 0.3879,
0.3533


 60.4084, 0.3879,
0.3533


426.1015, 0.3516,
0.3428

 43.7479, 0.3965,
0.3554


 105.4219, 0.3750,
0.3499

 30.4724, 0.4073,
0.3579


 134.5436, 0.3701,
0.3485

 20.1974, 0.4212,
0.3608


168.5880, 0.3659,
0.3472

 12.5386, 0.4398,
0.3641

207.9392, 0.3623,
0.3461

 7.1116, 0.4655,
0.3674

252.9818, 0.3591,
0.3452

 3.5320, 0.5030,
0.3698

304.1001, 0.3563,

 1.4154, 0.6048,

0.3443

0.3952

361.6785, 0.3538,
0.3435

0.2280, 0.7607,
0.2393

0.0000, 0.0000,
0.0000

60.4084, 0.3879,
0.3533

60.4084, 0.3879,
0.3533

51.9508, 0.4189,
0.3602

70.1152, 0.3615,
0.3460

44.6870, 0.4542,
0.3661

81.1161, 0.3392,
0.3389

38.5626, 0.4927,
0.3700

93.4584, 0.3206,
0.3321

33.5174, 0.5321,
0.3707

100.0000, 0.3127,
0.3290

■ 29.4852, 0.5684,
0.3672

■ 26.3913, 0.5974,
0.3595

■ 25.1395, 0.6091,
0.3546

Harmonies

Analogous

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



60.4084, 0.3726, 0.3223



60.4084, 0.3879, 0.3533



60.4084, 0.3815, 0.3805

Triad

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



60.4084, 0.3879, 0.3533



60.4084, 0.2834, 0.3677



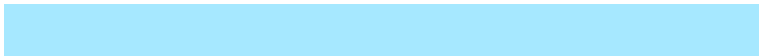
60.4084, 0.2683, 0.2673

Complementary

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



60.4084, 0.3879, 0.3533



73.0543, 0.2598, 0.3030

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.



60.4084, 0.2474, 0.2748



60.4084, 0.3879, 0.3533



60.4084, 0.2556, 0.3316

Square

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



60.4084, 0.3879, 0.3533



60.4084, 0.3200, 0.3921



60.4084, 0.2430, 0.2974



60.4084, 0.3017, 0.2746

Rectangle

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



60.4084, 0.3879, 0.3533



60.4084, 0.3663, 0.3927



60.4084, 0.2430, 0.2974



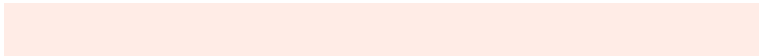
60.4084, 0.2597, 0.2681

Sweetspot

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



60.4096, 0.3879, 0.3533



86.9853, 0.3297, 0.3355



54.4096, 0.3349, 0.2620



18.2505, 0.3324, 0.3365



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.



60.4096, 0.3879, 0.3533



54.2730, 0.4094, 0.3583



82.1534, 0.3725, 0.3964



18.7495, 0.3288, 0.3352



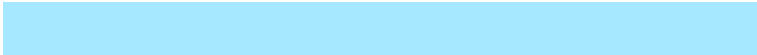
13.3383, 0.6063, 0.3568



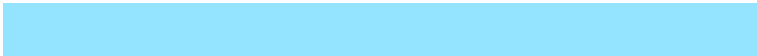
1.4661, 0.5845, 0.3741

Inverse Universe

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



73.0543, 0.2598, 0.3030



68.6313, 0.2500, 0.2968



51.4097, 0.2527, 0.2507



19.6406, 0.2980, 0.3227



23.0765, 0.2008, 0.2428



2.4233, 0.2038, 0.2538

Previews

White Background



This preview shows how the Yxy color 60.4084, 0.3879, 0.3533 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 60.4084, 0.3879, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

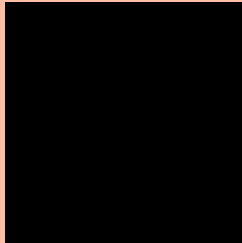
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4084, 0.3879, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 60.4084, 0.3879, 0.3533.



This preview shows how white text looks on a background with the Yxy color 60.4084, 0.3879, 0.3533.

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

60.4084, 0.3879, 0.3533

Protanopia

60.6499, 0.3443, 0.3653

Deuteranopia

60.3736, 0.3719, 0.3633



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.4084, 0.3879, 0.3533

Protanomaly

60.5721, 0.3602, 0.3618

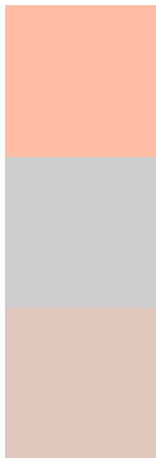
Deuteranomaly

60.0896, 0.3780, 0.3595

Tritanomaly

60.3885, 0.3706, 0.3292

Monochromacy



Original Color

60.4084, 0.3879, 0.3533

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9174, 0.3386, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4084, 0.3879, 0.3533 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, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 166)  
}
```

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, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 166) }
```

Border

The CSS property to change the border of an element to Yxy 60.4084, 0.3879, 0.3533 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, 189, 166) }
```

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

```
.border{ border-color:rgb(255, 189, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4084, 0.3879, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 166) }
```

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

```
.background{ background-color: rgb(255,  
189, 166) }
```

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