

# Converting Colors

Yxy(58.7061, 0.3861, 0.3448)

Have a look what the booklet for  
Yxy(58.7061, 0.3861, 0.3448)  
contains.

<b>Yxy(58.8602, 0.3859, 0.3450)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(58.8602, 0.3859, 0.3450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB9AA
RGB	255, 185, 170
RGB Percent	100%, 73%, 67%
CMY	0.0001, 0.2744, 0.3334
CMYK	0.00, 0.27, 0.33, 0.00
HSL	11°, 100%, 83%
HSV	11°, 33%, 100%
XYZ	65.8381, 58.8602, 45.9110
YIQ	204.2200, 46.5350, 10.1750

# Conversions

## Conversions Part 2

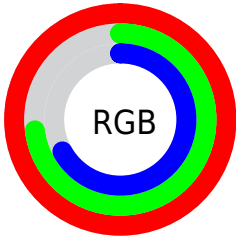
Format	Color
R <sub>Y</sub> B	255, 188, 170
Decimal	16759210
CIE Lab	81.21, 23.37, 17.64
CIE LCh	81, 29.281, 37.040
Yxy	58.8602, 0.3859, 0.3450
Android (android.graphics.Color)	4294949290 (0xFFFFB9AA)
YUV	204.2200, -16.8705, 44.5341
Hunter-Lab	76.7204, 18.9203, 18.2240

# Details

The Yxy color **58.8602, 0.3859, 0.3450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0510, 0.2631, 0.3122**, and the grayscale version is **60.6171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6068, 0.3320, 0.3448**, and **29.6809, 0.4051, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **49.8462, 0.4182, 0.3498**, and if you desaturate by 10%, it is **69.3631, 0.3588, 0.3400**.

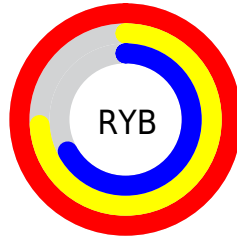
# Distribution



Red (100%)

Green (73%)

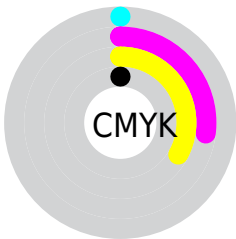
Blue (67%)



Red (100%)

Yellow (74%)

Blue (67%)

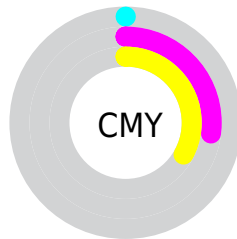


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8602, 0.3859, 0.3450 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 58.8602, 0.3859, 0.3450 by changing the saturation by 10% instead.



 58.8602, 0.3859,  
0.3450

 58.8602, 0.3859,  
0.3450


420.3836, 0.3504,  
0.3384

 42.5006, 0.3944,  
0.3463


 103.1745, 0.3732,  
0.3429

 29.4935, 0.4051,  
0.3477


131.8979, 0.3684,  
0.3420

 19.4544, 0.4190,  
0.3493


165.5114, 0.3643,  
0.3412

 11.9991, 0.4376,  
0.3509

204.3993, 0.3608,  
0.3405

 6.7431, 0.4637,  
0.3521

248.9461, 0.3577,  
0.3399

 3.3019, 0.5025,  
0.3516

299.5362, 0.3549,

 1.2913, 0.6002,

0.3393

0.3661

356.5539, 0.3525,  
0.3388

0.1345, 0.8385,  
0.1615

0.0000, 0.0000,  
0.0000

58.8602, 0.3859,  
0.3450

58.8602, 0.3859,  
0.3450

49.8462, 0.4182,  
0.3498

69.3631, 0.3588,  
0.3400

42.2454, 0.4556,  
0.3539

81.4097, 0.3365,  
0.3351

35.9877, 0.4972,  
0.3565

95.0621, 0.3181,  
0.3305

30.9939, 0.5401,  
0.3566

99.9966, 0.3127,  
0.3290

■ 27.1760, 0.5795,  
0.3536

■ 24.4342, 0.6101,  
0.3475

■ 23.1413, 0.6243,  
0.3425

# Harmonies

## Analogous

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



58.8602, 0.3652, 0.3142



58.8602, 0.3859, 0.3450



58.8602, 0.3854, 0.3740

# Triad

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



58.8602, 0.3859, 0.3450



58.8602, 0.2927, 0.3760



58.8602, 0.2611, 0.2678

# Complementary

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



58.8602, 0.3859, 0.3450



78.0510, 0.2631, 0.3122

# 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.



58.8602, 0.2445, 0.2795



58.8602, 0.3859, 0.3450



58.8602, 0.2618, 0.3417

# Square

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



58.8602, 0.3859, 0.3450



58.8602, 0.3303, 0.3954



58.8602, 0.2447, 0.3058



58.8602, 0.2918, 0.2713



# Rectangle

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



58.8602, 0.3859, 0.3450



58.8602, 0.3734, 0.3886



58.8602, 0.2447, 0.3058



58.8602, 0.2538, 0.2700

# Sweetspot

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



58.8630, 0.3859, 0.3450



85.7969, 0.3299, 0.3335



56.3386, 0.3278, 0.2585



17.9650, 0.3326, 0.3342



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.



58.8630, 0.3859, 0.3450



52.7020, 0.4068, 0.3483



78.9040, 0.3718, 0.3868



18.5064, 0.3290, 0.3333



12.2432, 0.6220, 0.3443

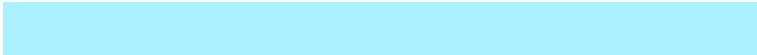


1.3274, 0.6023, 0.3600

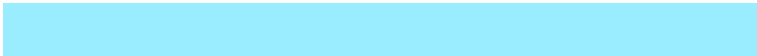


# Inverse Universe

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



78.0510, 0.2631, 0.3122



74.5358, 0.2542, 0.3083



56.2947, 0.2568, 0.2634



19.9025, 0.2980, 0.3247



28.0287, 0.2087, 0.2713



2.8658, 0.2107, 0.2786



# Previews

## White Background



This preview shows how the Yxy color 58.8602, 0.3859, 0.3450 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

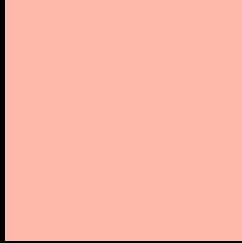
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.8602, 0.3859, 0.3450 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 58.8602, 0.3859, 0.3450**

## Background



This preview shows how black text looks on a background with the Yxy color 58.8602, 0.3859, 0.3450.



This preview shows how white text looks on a background with the Yxy color 58.8602, 0.3859, 0.3450.

# 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

58.8602, 0.3859, 0.3450

### Protanopia

58.8365, 0.3378, 0.3562

### Deuteranopia

58.7344, 0.3658, 0.3583



## Tritanopia

58.7014, 0.3640, 0.3146

# Trichromacy



**Original Color**

58.8602, 0.3859, 0.3450

**Protanomaly**

58.4563, 0.3547, 0.3519

**Deuteranomaly**

58.8269, 0.3727, 0.3533

**Tritanomaly**

58.7148, 0.3716, 0.3250

# Monochromacy



**Original Color**

58.8602, 0.3859, 0.3450

**Achromatopsia**

60.3827, 0.3127, 0.3290

**Achromatomaly**

59.4263, 0.3375, 0.3348

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.8602, 0.3859, 0.3450 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, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 170)  
}
```

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, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 58.8602, 0.3859, 0.3450 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, 185, 170) }
```

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

```
.border{ border-color:rgb(255, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.8602, 0.3859, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 170) }
```

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

```
.background{ background-color: rgb(255,  
185, 170) }
```

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