

# Converting Colors

$Yxy(61.9371, 0.3686, 0.3257)$

Have a look what the booklet for  
Yxy(61.9371, 0.3686, 0.3257)  
contains.

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# Color

**Yxy(61.4610, 0.3658, 0.3260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBDC0
RGB	255, 189, 192
RGB Percent	100%, 74%, 75%
CMY	0.0000, 0.2589, 0.2470
CMYK	0.00, 0.26, 0.25, 0.00
HSL	357°, 100%, 87%
HSV	357°, 26%, 100%
XYZ	68.9645, 61.4610, 58.1052
YIQ	209.0760, 38.3730, 14.9250

# Conversions

## Conversions Part 2

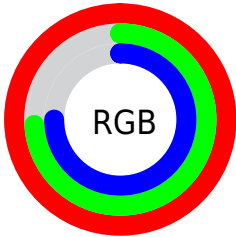
Format	Color
R <sub>Y</sub> B	255, 189, 192
Decimal	16760256
CIE Lab	82.63, 24.18, 7.82
CIE LCh	83, 25.417, 17.921
Yxy	61.4610, 0.3658, 0.3260
Android (android.graphics.Color)	4294950336 (0xFFFFBDC0)
YUV	209.0760, -8.4185, 40.2753
Hunter-Lab	78.3971, 19.8284, 10.9343

# Details

The Yxy color **61.4610, 0.3658, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3636, 0.2762, 0.3321**, and the grayscale version is **63.8447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9488, 0.3173, 0.3271**, and **31.0623, 0.3790, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **50.4430, 0.3958, 0.3248**, and if you desaturate by 10%, it is **74.5756, 0.3416, 0.3272**.

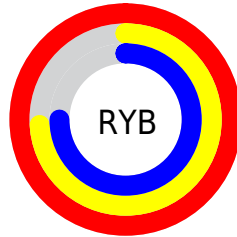
# Distribution



Red (100%)

Green (74%)

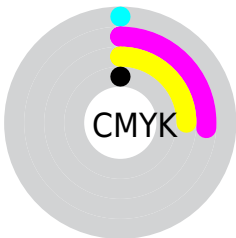
Blue (75%)



Red (100%)

Yellow (74%)

Blue (75%)

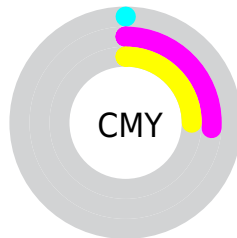


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4610, 0.3658, 0.3260 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 61.4610, 0.3658, 0.3260 by changing the saturation by 10% instead.



 61.4610, 0.3658,  
0.3260

 61.4610, 0.3658,  
0.3260


429.9623, 0.3403,  
0.3279

 44.5973, 0.3719,  
0.3254


 106.9461, 0.3567,  
0.3267

 31.1404, 0.3795,  
0.3247


136.3364, 0.3533,  
0.3270

 20.7058, 0.3894,  
0.3236


170.6710, 0.3503,  
0.3272

 12.9091, 0.4026,  
0.3220

210.3342, 0.3478,  
0.3274

 7.3660, 0.4213,  
0.3194

255.7106, 0.3455,  
0.3275

 3.6920, 0.4495,  
0.3148


307.1845, 0.3436,

 1.5028, 0.4965,


0.3277


0.3053


365.1402, 0.3418,  
0.3278

 0.2907, 0.7489,  
0.2511

 0.0000, 0.0000,  
0.0000


 61.4610, 0.3658,  
0.3260


 61.4610, 0.3658,  
0.3260

 50.4430, 0.3958,  
0.3248


 74.5756, 0.3416,  
0.3272

 41.4271, 0.4323,  
0.3238

 89.9039, 0.3222,  
0.3284

 34.2885, 0.4751,  
0.3231

100.0000, 0.3127,  
0.3290

 28.8949, 0.5220,  
0.3230

■ 25.0965, 0.5682,  
0.3237

■ 22.7185, 0.6067,  
0.3254

■ 21.5445, 0.6311,  
0.3276

■ 21.2858, 0.6368,  
0.3282

# Harmonies

## Analogous

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



61.4610, 0.3394, 0.3011



61.4610, 0.3658, 0.3260



61.4610, 0.3773, 0.3528

# Triad

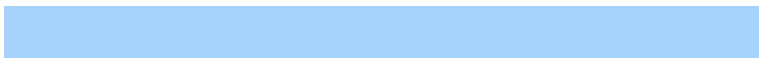
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.4610, 0.3658, 0.3260



61.4610, 0.3163, 0.3813



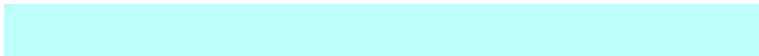
61.4610, 0.2575, 0.2813

# Complementary

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



61.4610, 0.3658, 0.3260



89.3636, 0.2762, 0.3321

# 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.



61.4610, 0.2522, 0.3000



61.4610, 0.3658, 0.3260



61.4610, 0.2850, 0.3593

# Square

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



61.4610, 0.3658, 0.3260



61.4610, 0.3476, 0.3867



61.4610, 0.2620, 0.3286



61.4610, 0.2768, 0.2757



# Rectangle

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



61.4610, 0.3658, 0.3260



61.4610, 0.3746, 0.3687



61.4610, 0.2620, 0.3286



61.4610, 0.2540, 0.2862

# Sweetspot

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



61.4559, 0.3658, 0.3260



86.4770, 0.3260, 0.3281



64.2489, 0.3132, 0.2638



18.0006, 0.3287, 0.3280



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.



61.4559, 0.3658, 0.3260



55.5691, 0.3803, 0.3254



75.4364, 0.3607, 0.3595



18.0006, 0.3287, 0.3280



11.1280, 0.6355, 0.3274



1.0880, 0.6246, 0.3215



# Inverse Universe

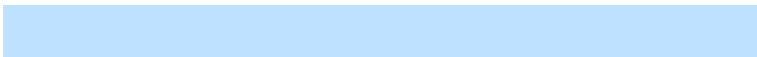
The Inverse Universe completely reimagines the original color for something new.



61.4559, 0.3658, 0.3260



55.5691, 0.3803, 0.3254



72.0467, 0.2716, 0.2963



18.0006, 0.3287, 0.3280



11.1280, 0.6355, 0.3274

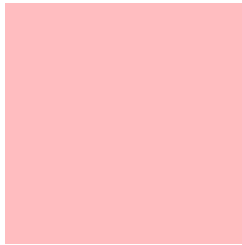


1.0880, 0.6246, 0.3215



# Previews

## White Background



This preview shows how the Yxy color 61.4610, 0.3658, 0.3260 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

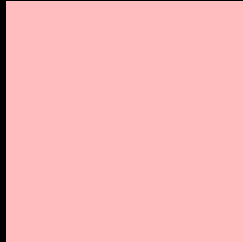
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.4610, 0.3658, 0.3260 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 61.4610, 0.3658, 0.3260**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.4610, 0.3658, 0.3260.

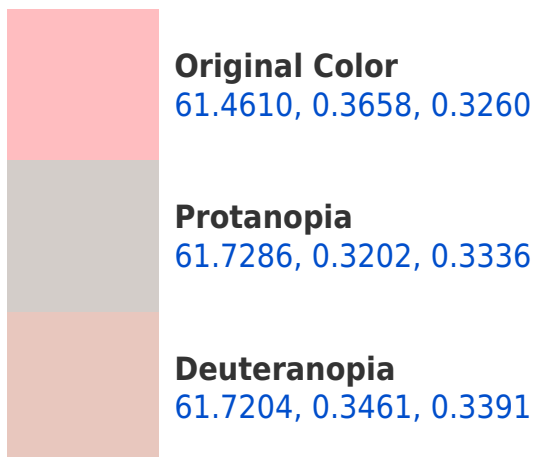


This preview shows how white text looks on a background with the Yxy color 61.4610, 0.3658, 0.3260.

# 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

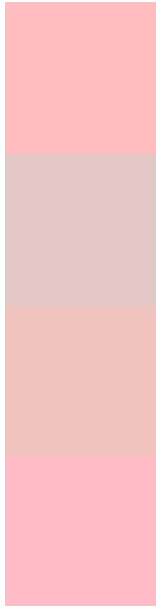




## Tritanopia

61.4907, 0.3576, 0.3146

# Trichromacy



**Original Color**

61.4610, 0.3658, 0.3260

**Protanomaly**

61.2550, 0.3358, 0.3302

**Deuteranomaly**

61.3171, 0.3527, 0.3335

**Tritanomaly**

61.3037, 0.3609, 0.3188

# Monochromacy



**Original Color**

61.4610, 0.3658, 0.3260

**Achromatopsia**

63.7597, 0.3127, 0.3290

**Achromatomaly**

62.7216, 0.3308, 0.3279

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.4610, 0.3658, 0.3260 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 61.4610, 0.3658, 0.3260 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, 192) }
```

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

```
.border{ border-color:rgb(255, 189, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.4610, 0.3658, 0.3260 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
189, 192) }
```

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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