

# Converting Colors

Yxy(61.2651, 0.3617, 0.3197)

Have a look what the booklet for  
Yxy(61.2651, 0.3617, 0.3197)  
contains.

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# Color

**Yxy(61.2577, 0.3618, 0.3198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCC5
RGB	255, 188, 197
RGB Percent	100%, 74%, 77%
CMY	0.0000, 0.2627, 0.2275
CMYK	0.00, 0.26, 0.23, 0.00
HSL	352°, 100%, 87%
HSV	352°, 26%, 100%
XYZ	69.3028, 61.2577, 60.9895
YIQ	209.0590, 37.0430, 17.0030

# Conversions

## Conversions Part 2

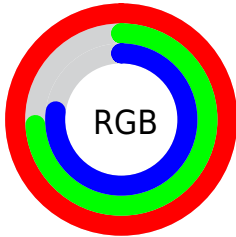
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 188, 197
Decimal	16760005
CIE Lab	82.52, 25.39, 4.99
CIE LCh	83, 25.873, 11.125
Yxy	61.2577, 0.3618, 0.3198
Android (android.graphics.Color)	4294950085 (0xFFFFBCC5)
YUV	209.0590, -5.9451, 40.2903
Hunter-Lab	78.2673, 21.0874, 8.5856

# Details

The Yxy color **61.2577, 0.3618, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.8663, 0.2786, 0.3385**, and the grayscale version is **63.8224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7206, 0.3138, 0.3204**, and **30.9037, 0.3747, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **50.3702, 0.3890, 0.3162**, and if you desaturate by 10%, it is **74.2205, 0.3397, 0.3235**.

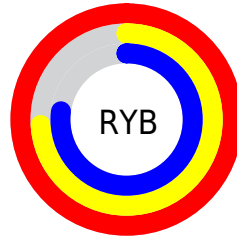
# Distribution



Red (100%)

Green (74%)

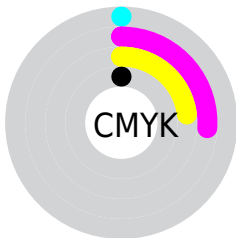
Blue (77%)



Red (100%)

Yellow (74%)

Blue (77%)

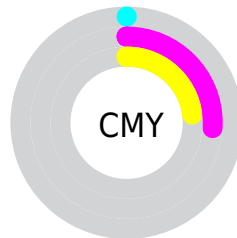


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2577, 0.3618, 0.3198 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 61.2577, 0.3618, 0.3198 by changing the saturation by 10% instead.




 61.2577, 0.3618,  
0.3198

 61.2577, 0.3618,  
0.3198

429.2182, 0.3382,  
0.3245

 44.4332, 0.3674,  
0.3186


 106.6520, 0.3534,  
0.3215

 31.0112, 0.3744,  
0.3171


135.9905, 0.3503,  
0.3222

 20.6074, 0.3835,  
0.3151


170.2692, 0.3475,  
0.3227

 12.8373, 0.3957,  
0.3123

209.8724, 0.3452,  
0.3232

 7.3166, 0.4130,  
0.3081

255.1845, 0.3431,  
0.3236

 3.6609, 0.4390,  
0.3014


306.5899, 0.3413,


 1.4857, 0.4826,

0.3239

0.2891


364.4730, 0.3397,  
0.3242


 0.2787, 0.7606,  
0.2394


 0.0000, 0.0000,  
0.0000


 61.2577, 0.3618,  
0.3198


 61.2577, 0.3618,  
0.3198

 50.3702, 0.3890,  
0.3162


 74.2205, 0.3397,  
0.3235

 41.4468, 0.4221,  
0.3128

 89.3549, 0.3220,  
0.3269

 34.3712, 0.4610,  
0.3103

100.0000, 0.3127,  
0.3290

 29.0134, 0.5043,  
0.3093

■ 25.2263, 0.5487,  
0.3104

■ 22.8384, 0.5884,  
0.3141

■ 21.6367, 0.6178,  
0.3200

■ 21.3767, 0.6257,  
0.3221

# Harmonies

## Analogous

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



61.2577, 0.3325, 0.2957



61.2577, 0.3618, 0.3198



61.2577, 0.3775, 0.3471

# Triad

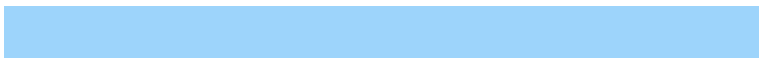
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2577, 0.3618, 0.3198



61.2577, 0.3238, 0.3852



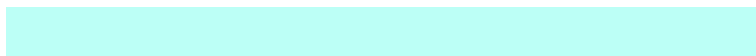
61.2577, 0.2539, 0.2836

# Complementary

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



61.2577, 0.3618, 0.3198



88.8663, 0.2786, 0.3385

# 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.



61.2577, 0.2520, 0.3053



61.2577, 0.3618, 0.3198



61.2577, 0.2912, 0.3662

# Square

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



61.2577, 0.3618, 0.3198



61.2577, 0.3546, 0.3865



61.2577, 0.2653, 0.3358



61.2577, 0.2706, 0.2749



# Rectangle

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



61.2577, 0.3618, 0.3198



61.2577, 0.3777, 0.3642



61.2577, 0.2653, 0.3358



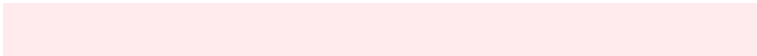
61.2577, 0.2516, 0.2895

# Sweetspot

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



61.2589, 0.3618, 0.3198



86.5820, 0.3248, 0.3264



62.5915, 0.3082, 0.2618



18.0267, 0.3273, 0.3258



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.



61.2589, 0.3618, 0.3198



54.7761, 0.3767, 0.3177



71.7046, 0.3632, 0.3533



18.0267, 0.3273, 0.3258



11.1819, 0.6230, 0.3205



1.1004, 0.5974, 0.3065



# Inverse Universe

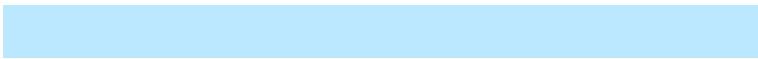
The Inverse Universe completely reimagines the original color for something new.



61.2589, 0.3618, 0.3198



54.7761, 0.3767, 0.3177



75.3727, 0.2717, 0.3033



18.0267, 0.3273, 0.3258



11.1819, 0.6230, 0.3205

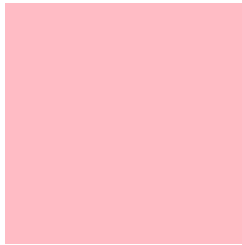


1.1004, 0.5974, 0.3065



# Previews

## White Background



This preview shows how the Yxy color 61.2577, 0.3618, 0.3198 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

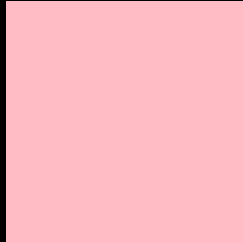
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.2577, 0.3618, 0.3198 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 61.2577, 0.3618, 0.3198**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.2577, 0.3618, 0.3198.



This preview shows how white text looks on a background with the Yxy color 61.2577, 0.3618, 0.3198.

# 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

61.2577, 0.3618, 0.3198

### Protanopia

61.6742, 0.3151, 0.3279

### Deuteranopia

61.6100, 0.3405, 0.3335



## Tritanopia

61.0649, 0.3578, 0.3136

# Trichromacy



## Original Color

61.2577, 0.3618, 0.3198

## Protanomaly

61.3274, 0.3312, 0.3246

## Deuteranomaly

61.3665, 0.3478, 0.3280

## Tritanomaly

60.9708, 0.3595, 0.3157

# Monochromacy



## Original Color

61.2577, 0.3618, 0.3198

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

62.3498, 0.3294, 0.3246

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.2577, 0.3618, 0.3198 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, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 197)  
}
```

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, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 197) }
```

## Border

The CSS property to change the border of an element to Yxy 61.2577, 0.3618, 0.3198 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, 188, 197) }
```

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

```
.border{ border-color:rgb(255, 188, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
197) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.2577, 0.3618, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 197) }
```

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

```
.background{ background-color: rgb(255,  
188, 197) }
```

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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