

# Converting Colors

Yxy(61.7942, 0.3895, 0.3226)

Have a look what the booklet for  
Yxy(61.7942, 0.3895, 0.3226)  
contains.

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# Color

**Yxy(57.4904, 0.3725, 0.3218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB4BB
RGB	255, 180, 187
RGB Percent	100%, 71%, 73%
CMY	0.0000, 0.2942, 0.2666
CMYK	0.00, 0.29, 0.27, 0.00
HSL	354°, 100%, 85%
HSV	354°, 29%, 100%
XYZ	66.5481, 57.4904, 54.6141
YIQ	203.2230, 42.4530, 18.0770

# Conversions

## Conversions Part 2

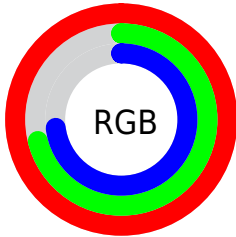
Format	Color
R <sub>Y</sub> B	255, 180, 187
Decimal	16757947
CIE Lab	80.45, 28.23, 7.39
CIE LCh	80, 29.185, 14.675
Yxy	57.4904, 0.3725, 0.3218
Android (android.graphics.Color)	4294948027 (0xFFFFB4BB)
YUV	203.2230, -7.9979, 45.4084
Hunter-Lab	75.8224, 23.9773, 10.3697

# Details

The Yxy color **57.4904, 0.3725, 0.3218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9953, 0.2735, 0.3365**, and the grayscale version is **59.8915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7220, 0.3211, 0.3222**, and **28.7703, 0.3882, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **47.2065, 0.4030, 0.3193**, and if you desaturate by 10%, it is **69.8110, 0.3477, 0.3244**.

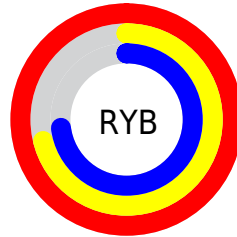
# Distribution



Red (100%)

Green (71%)

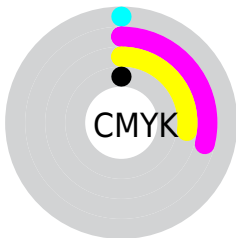
Blue (73%)



Red (100%)

Yellow (71%)

Blue (73%)

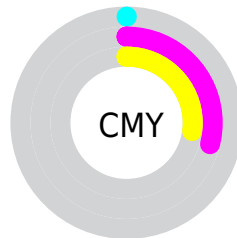


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4904, 0.3725, 0.3218 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 57.4904, 0.3725, 0.3218 by changing the saturation by 10% instead.





 57.4904, 0.3725,  
0.3218

 57.4904, 0.3725,  
0.3218


415.2844, 0.3434,  
0.3258

 41.3991, 0.3795,  
0.3207


 101.1804, 0.3621,  
0.3233

 28.6311, 0.3883,  
0.3193

129.5479, 0.3582,  
0.3239

 18.8019, 0.3999,  
0.3173


162.7762, 0.3548,  
0.3243

 11.5272, 0.4154,  
0.3144

201.2498, 0.3519,  
0.3247

 6.4226, 0.4376,  
0.3100

245.3530, 0.3494,  
0.3250

 3.1037, 0.4716,  
0.3023


295.4702, 0.3472,

 1.1861, 0.5315,


0.3253


0.2880


351.9859, 0.3452,  
0.3256


 0.0503, 0.9361,  
0.0639


 0.0000, 0.0000,  
0.0000


 57.4904, 0.3725,  
0.3218


 57.4904, 0.3725,  
0.3218

 47.2065, 0.4030,  
0.3193


 69.8110, 0.3477,  
0.3244

 38.8721, 0.4397,  
0.3172

 84.2959, 0.3278,  
0.3268

 32.3568, 0.4822,  
0.3159

100.0000, 0.3127,  
0.3290

 27.5245, 0.5279,  
0.3158

■ 24.2201, 0.5721,  
0.3175

■ 22.2594, 0.6082,  
0.3210

■ 21.3635, 0.6309,  
0.3253

■ 21.3257, 0.6319,  
0.3255

# Harmonies

## Analogous

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



57.4904, 0.3398, 0.2937



57.4904, 0.3725, 0.3218



57.4904, 0.3882, 0.3529

# Triad

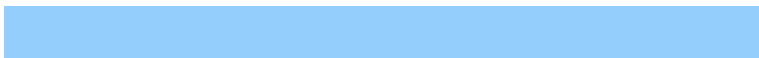
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4904, 0.3725, 0.3218



57.4904, 0.3207, 0.3927



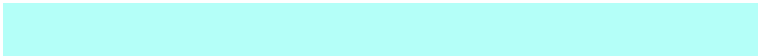
57.4904, 0.2469, 0.2748

# Complementary

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



57.4904, 0.3725, 0.3218



87.9953, 0.2735, 0.3365

# 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.



57.4904, 0.2427, 0.2977



57.4904, 0.3725, 0.3218



57.4904, 0.2837, 0.3684

# Square

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



57.4904, 0.3725, 0.3218



57.4904, 0.3569, 0.3962



57.4904, 0.2557, 0.3322



57.4904, 0.2676, 0.2670



# Rectangle

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



57.4904, 0.3725, 0.3218



57.4904, 0.3865, 0.3721



57.4904, 0.2557, 0.3322



57.4904, 0.2436, 0.2808

# Sweetspot

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



57.4823, 0.3724, 0.3218



84.9537, 0.3271, 0.3269



59.7183, 0.3103, 0.2542



17.7001, 0.3297, 0.3266



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.



57.4823, 0.3724, 0.3218



51.5027, 0.3887, 0.3204



70.6410, 0.3697, 0.3602



18.0148, 0.3280, 0.3268



11.1523, 0.6297, 0.3243



1.0947, 0.6094, 0.3131



# Inverse Universe

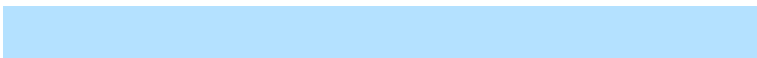
The Inverse Universe completely reimagines the original color for something new.



57.4823, 0.3724, 0.3218



51.5027, 0.3887, 0.3204



70.7662, 0.2664, 0.2955



18.0148, 0.3280, 0.3268



11.1523, 0.6297, 0.3243



1.0947, 0.6094, 0.3131



# Previews

## White Background



This preview shows how the Yxy color 57.4904, 0.3725, 0.3218 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 57.4904, 0.3725, 0.3218 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 57.4904, 0.3725, 0.3218**

## Background



This preview shows how black text looks on a background with the Yxy color 57.4904, 0.3725, 0.3218.



This preview shows how white text looks on a background with the Yxy color 57.4904, 0.3725, 0.3218.

# 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

57.4904, 0.3725, 0.3218

### Protanopia

57.7614, 0.3174, 0.3302

### Deuteranopia

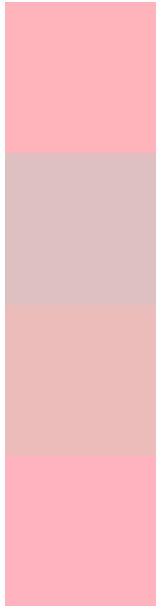
57.6503, 0.3454, 0.3382



## Tritanopia

57.3505, 0.3674, 0.3145

# Trichromacy



## Original Color

57.4904, 0.3725, 0.3218

## Protanomaly

57.2823, 0.3367, 0.3268

## Deuteranomaly

57.3445, 0.3550, 0.3313

## Tritanomaly

57.2618, 0.3692, 0.3166

# Monochromacy



## Original Color

57.4904, 0.3725, 0.3218

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

58.5910, 0.3331, 0.3268

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.4904, 0.3725, 0.3218 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, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 187)  
}
```

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, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 57.4904, 0.3725, 0.3218 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, 180, 187) }
```

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

```
.border{ border-color:rgb(255, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.4904, 0.3725, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 187) }
```

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

```
.background{ background-color: rgb(255,  
180, 187) }
```

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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