

# Converting Colors

$Yxy(91.8824, 0.4749, 0.3274)$

Have a look what the booklet for  
Yxy(91.8824, 0.4749, 0.3274)  
contains.

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# **Color**

**Yxy(57.3214, 0.3760, 0.3260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB4B7
RGB	255, 180, 183
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2941, 0.2822
CMYK	0.00, 0.29, 0.28, 0.00
HSL	358°, 100%, 85%
HSV	358°, 29%, 100%
XYZ	66.1130, 57.3214, 52.3981
YIQ	202.7670, 43.7370, 16.8330

# Conversions

## Conversions Part 2

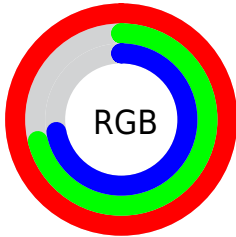
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 180, 183
Decimal	16757943
CIE <sub>Lab</sub>	80.36, 27.67, 9.41
CIE <sub>LCh</sub>	80, 29.227, 18.780
Yxy	57.3214, 0.3760, 0.3260
Android (android.graphics.Color)	4294948023 (0xFFFFB4B7)
YUV	202.7670, -9.7451, 45.8083
Hunter-Lab	75.7109, 23.3775, 11.9641

# Details

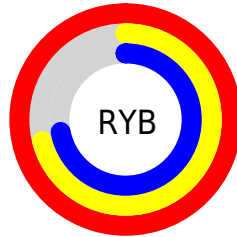
The Yxy color **57.3214, 0.3760, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2493, 0.2715, 0.3321**, and the grayscale version is **59.6105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4829, 0.3236, 0.3261**, and **28.6608, 0.3931, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **47.0248, 0.4085, 0.3250**, and if you desaturate by 10%, it is **69.6919, 0.3497, 0.3271**.

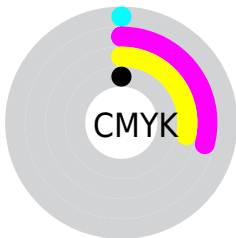
# Distribution



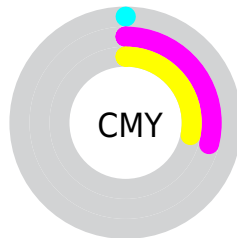
- Red (100%)
- Green (71%)
- Blue (72%)



- Red (100%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3214, 0.3760, 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 57.3214, 0.3760, 0.3260 by changing the saturation by 10% instead.




 57.3214, 0.3760,  
0.3260

 57.3214, 0.3760,  
0.3260


414.6525, 0.3452,  
0.3281

 41.2633, 0.3834,  
0.3253


 100.9340, 0.3650,  
0.3269

 28.5249, 0.3928,  
0.3244


129.2573, 0.3608,  
0.3272

 18.7217, 0.4051,  
0.3230


162.4379, 0.3572,  
0.3274

 11.4694, 0.4216,  
0.3209

200.8600, 0.3542,  
0.3276

 6.3835, 0.4452,  
0.3174

244.9082, 0.3515,  
0.3277

 3.0796, 0.4813,  
0.3109


294.9667, 0.3491,


 1.1734, 0.5486,


0.3279


0.3002


351.4200, 0.3470,  
0.3280


 0.0399, 0.9471,  
0.0529


 0.0000, 0.0000,  
0.0000


 57.3214, 0.3760,  
0.3260


 57.3214, 0.3760,  
0.3260

 47.0248, 0.4085,  
0.3250

 69.6919, 0.3497,  
0.3271

 38.6845, 0.4475,  
0.3242

 84.2364, 0.3286,  
0.3281

 32.1780, 0.4923,  
0.3238

100.0000, 0.3127,  
0.3290

 27.3673, 0.5399,  
0.3239

■ 24.0945, 0.5842,  
0.3249

■ 22.1726, 0.6180,  
0.3266

■ 21.3185, 0.6365,  
0.3284

■ 21.2826, 0.6372,  
0.3284

# Harmonies

## Analogous

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



57.3214, 0.3450, 0.2971



57.3214, 0.3760, 0.3260



57.3214, 0.3889, 0.3571

# Triad

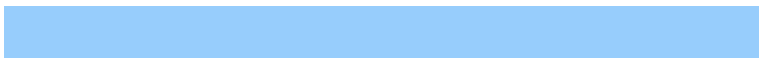
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.3214, 0.3760, 0.3260



57.3214, 0.3154, 0.3907



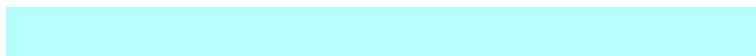
57.3214, 0.2487, 0.2727

# Complementary

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



57.3214, 0.3760, 0.3260



88.2493, 0.2715, 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.



57.3214, 0.2421, 0.2937



57.3214, 0.3760, 0.3260



57.3214, 0.2791, 0.3639

# Square

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



57.3214, 0.3760, 0.3260



57.3214, 0.3524, 0.3972



57.3214, 0.2528, 0.3271



57.3214, 0.2714, 0.2670



# Rectangle

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



57.3214, 0.3760, 0.3260



57.3214, 0.3852, 0.3758



57.3214, 0.2528, 0.3271



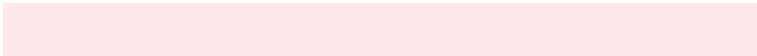
57.3214, 0.2446, 0.2780

# Sweetspot

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



57.3229, 0.3760, 0.3260



84.8834, 0.3279, 0.3281



60.4182, 0.3132, 0.2549



17.6829, 0.3306, 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.



57.3229, 0.3760, 0.3260



51.3198, 0.3933, 0.3254



72.5220, 0.3686, 0.3639



17.9990, 0.3288, 0.3281



11.1258, 0.6360, 0.3277



1.0873, 0.6264, 0.3224



# Inverse Universe

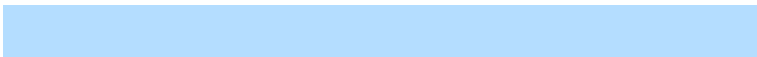
The Inverse Universe completely reimagines the original color for something new.



57.3229, 0.3760, 0.3260



51.3198, 0.3933, 0.3254



68.7683, 0.2659, 0.2912



17.9990, 0.3288, 0.3281



11.1258, 0.6360, 0.3277



1.0873, 0.6264, 0.3224



# Previews

## White Background



This preview shows how the Yxy color 57.3214, 0.3760, 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 57.3214, 0.3760, 0.3260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

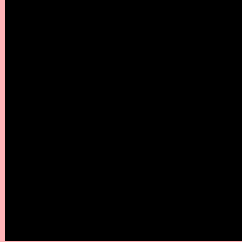
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.3214, 0.3760, 0.3260**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.3214, 0.3760, 0.3260.



This preview shows how white text looks on a background with the Yxy color 57.3214, 0.3760, 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



### Original Color

57.3214, 0.3760, 0.3260

### Protanopia

57.6762, 0.3219, 0.3362

### Deuteranopia

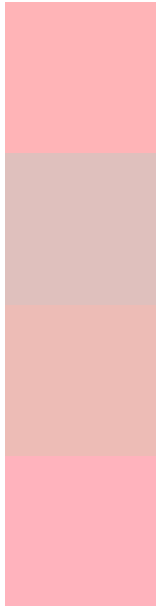
57.6449, 0.3495, 0.3428



## Tritanopia

57.3060, 0.3683, 0.3156

# Trichromacy



## Original Color

57.3214, 0.3760, 0.3260

## Protanomaly

57.0614, 0.3407, 0.3325

## Deuteranomaly

57.3484, 0.3592, 0.3358

## Tritanomaly

57.1743, 0.3709, 0.3187

# Monochromacy



## Original Color

57.3214, 0.3760, 0.3260

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

58.5453, 0.3339, 0.3279

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.3214, 0.3760, 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, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 57.3214, 0.3760, 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, 180, 183) }
```

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

```
.border{ border-color:rgb(255, 180, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.3214, 0.3760, 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, 180, 183) }
```

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

```
.background{ background-color: rgb(255,  
180, 183) }
```

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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