

# Converting Colors

Yxy(62.0668, 0.3703, 0.3344)

Have a look what the booklet for  
Yxy(62.0668, 0.3703, 0.3344)  
contains.

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# Color

**Yxy(62.0668, 0.3703, 0.3344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBFBA
RGB	255, 191, 186
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2509, 0.2706
CMYK	0.00, 0.25, 0.27, 0.00
HSL	4°, 100%, 86%
HSV	4°, 27%, 100%
XYZ	68.7301, 62.0668, 54.8096
YIQ	209.5660, 39.7490, 12.0130

# Conversions

## Conversions Part 2

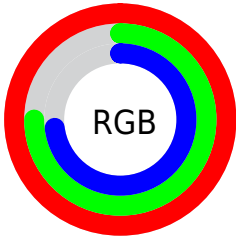
Format	Color
R <sub>Y</sub> B	255, 191, 186
Decimal	16760762
CIE Lab	82.95, 22.28, 11.50
CIE LCh	83, 25.077, 27.308
Yxy	62.0668, 0.3703, 0.3344
Android (android.graphics.Color)	4294950842 (0xFFFFBFBA)
YUV	209.5660, -11.6180, 39.8456
Hunter-Lab	78.7825, 17.8546, 13.8992

# Details

The Yxy color **62.0668, 0.3703, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.0126, 0.2726, 0.3235**, and the grayscale version is **64.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8056, 0.3208, 0.3348**, and **31.4551, 0.3851, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **51.5853, 0.4012, 0.3365**, and if you desaturate by 10%, it is **74.4124, 0.3451, 0.3323**.

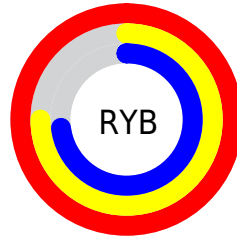
# Distribution



Red (100%)

Green (75%)

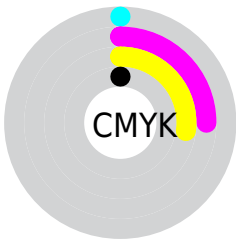
Blue (73%)



Red (100%)

Yellow (75%)

Blue (73%)

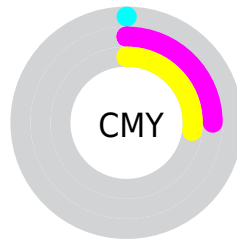


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0668, 0.3703, 0.3344 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 62.0668, 0.3703, 0.3344 by changing the saturation by 10% instead.




 62.0668, 0.3703,  
0.3344

 62.0668, 0.3703,  
0.3344


432.1747, 0.3426,  
0.3324

 45.0867, 0.3769,  
0.3347


 107.8221, 0.3605,  
0.3338

 31.5257, 0.3851,  
0.3350


137.3660, 0.3567,  
0.3336

 20.9995, 0.3958,  
0.3352


171.8667, 0.3535,  
0.3333

 13.1236, 0.4101,  
0.3353

211.7085, 0.3508,  
0.3331

 7.5137, 0.4302,  
0.3349

257.2758, 0.3483,  
0.3329

 3.7854, 0.4603,  
0.3332

308.9530, 0.3462,

 1.5543, 0.5114,

0.3327

0.3287

367.1245, 0.3443,  
0.3326

0.3265, 0.7235,  
0.2765

0.0000, 0.0000,  
0.0000

62.0668, 0.3703,  
0.3344

62.0668, 0.3703,  
0.3344

51.5853, 0.4012,  
0.3365

74.4124, 0.3451,  
0.3323

42.8693, 0.4384,  
0.3384

88.6974, 0.3247,  
0.3303

35.8240, 0.4814,  
0.3398

99.9978, 0.3127,  
0.3290

30.3425, 0.5278,  
0.3403

■ 26.3054, 0.5727,  
0.3394

■ 23.5760, 0.6094,  
0.3371

■ 21.9908, 0.6319,  
0.3337

■ 21.7079, 0.6362,  
0.3331

# Harmonies

## Analogous

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



62.0668, 0.3482, 0.3087



62.0668, 0.3703, 0.3344



62.0668, 0.3760, 0.3602

# Triad

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



62.0668, 0.3703, 0.3344



62.0668, 0.3062, 0.3751



62.0668, 0.2629, 0.2789

# Complementary

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



62.0668, 0.3703, 0.3344



86.0126, 0.2726, 0.3235

# 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.



62.0668, 0.2532, 0.2935



62.0668, 0.3703, 0.3344



62.0668, 0.2772, 0.3498

# Square

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



62.0668, 0.3703, 0.3344



62.0668, 0.3379, 0.3859



62.0668, 0.2582, 0.3191



62.0668, 0.2857, 0.2775



# Rectangle

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



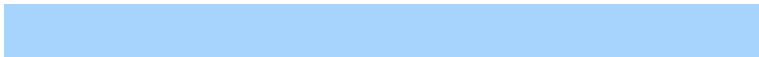
62.0668, 0.3703, 0.3344



62.0668, 0.3697, 0.3742



62.0668, 0.2582, 0.3191



62.0668, 0.2581, 0.2823

# Sweetspot

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



62.0697, 0.3703, 0.3344



87.2737, 0.3264, 0.3305



63.3009, 0.3193, 0.2655



18.1990, 0.3293, 0.3308



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.



62.0697, 0.3703, 0.3344



56.6659, 0.3848, 0.3355



78.7031, 0.3612, 0.3689



18.1990, 0.3293, 0.3308



11.4203, 0.6349, 0.3341



1.1822, 0.6235, 0.3431



# Inverse Universe

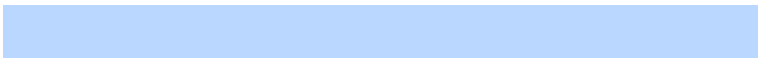
The Inverse Universe completely reimagines the original color for something new.



86.0126, 0.2726, 0.3235



83.9436, 0.2660, 0.3224



66.7150, 0.2688, 0.2855



20.2420, 0.2980, 0.3272



35.3545, 0.2184, 0.3061



3.5072, 0.2191, 0.3089



# Previews

## White Background



This preview shows how the Yxy color 62.0668, 0.3703, 0.3344 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 62.0668, 0.3703, 0.3344 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 62.0668, 0.3703, 0.3344**

## Background



This preview shows how black text looks on a background with the Yxy color 62.0668, 0.3703, 0.3344.



This preview shows how white text looks on a background with the Yxy color 62.0668, 0.3703, 0.3344.

# 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

62.0668, 0.3703, 0.3344

### Protanopia

62.3338, 0.3275, 0.3429

### Deuteranopia

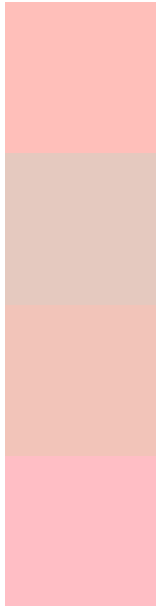
61.9697, 0.3533, 0.3457



## Tritanopia

61.9670, 0.3565, 0.3146

# Trichromacy



**Original Color**

62.0668, 0.3703, 0.3344

**Protanomaly**

62.1929, 0.3425, 0.3402

**Deuteranomaly**

61.8599, 0.3590, 0.3410

**Tritanomaly**

62.1181, 0.3613, 0.3219

# Monochromacy



**Original Color**

62.0668, 0.3703, 0.3344

**Achromatopsia**

64.4480, 0.3127, 0.3290

**Achromatomaly**

63.0977, 0.3322, 0.3313

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0668, 0.3703, 0.3344 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, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 186)  
}
```

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, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 186) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0668, 0.3703, 0.3344 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, 191, 186) }
```

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

```
.border{ border-color:rgb(255, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 186); box-shadow:4px 4px 4px 4px rgb(255, 191, 186) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0668, 0.3703, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 186) }
```

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

```
.background{ background-color: rgb(255,  
191, 186) }
```

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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