

# Converting Colors

Yxy(64.1521, 0.3708, 0.3492)

Have a look what the booklet for  
Yxy(64.1521, 0.3708, 0.3492)  
contains.

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# Color

**Yxy(64.1521, 0.3708, 0.3492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC6B3
RGB	251, 198, 179
RGB Percent	98%, 78%, 70%
CMY	0.0156, 0.2235, 0.2980
CMYK	0.00, 0.21, 0.29, 0.02
HSL	16°, 90%, 84%
HSV	16°, 29%, 98%
XYZ	68.1203, 64.1521, 51.4393
YIQ	211.6810, 37.6870, 5.3270

# Conversions

## Conversions Part 2

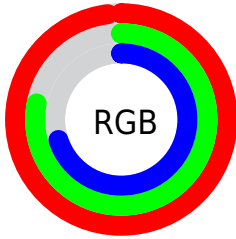
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 205, 179
Decimal	16500403
CIE Lab	84.04, 16.23, 16.72
CIE LCh	84, 23.303, 45.865
Yxy	64.1521, 0.3708, 0.3492
Android (android.graphics.Color)	4294690483 (0xFFFBC6B3)
YUV	211.6810, -16.1117, 34.4828
Hunter-Lab	80.0950, 11.6468, 17.9888

# Details

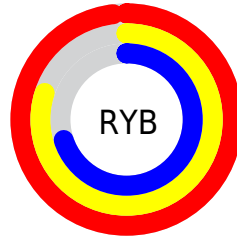
The Yxy color **64.1521, 0.3708, 0.3492** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2775, 0.2688, 0.3078**, and the grayscale version is **65.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.7903, 0.3854, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **55.2907, 0.3988, 0.3566**, and if you desaturate by 10%, it is **74.2352, 0.3471, 0.3418**.

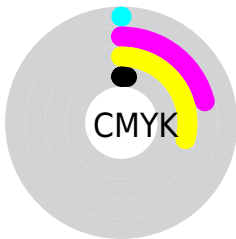
# Distribution



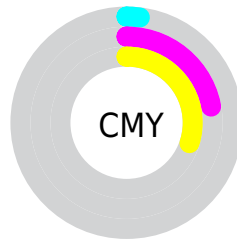
- Red (98%)
- Green (78%)
- Blue (70%)



- Red (98%)
- Yellow (80%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (2%)




- Cyan (2%)
- Magenta (22%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1521, 0.3708, 0.3492 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 64.1521, 0.3708, 0.3492 by changing the saturation by 10% instead.




 64.1521, 0.3708,  
0.3492

 64.1521, 0.3708,  
0.3492


439.7387, 0.3431,  
0.3403

 46.7739, 0.3773,  
0.3511

 110.8300, 0.3610,  
0.3462

 32.8569, 0.3855,  
0.3534


140.8984, 0.3572,  
0.3450

 22.0169, 0.3960,  
0.3561


175.9657, 0.3540,  
0.3440

 13.8693, 0.4100,  
0.3594


216.4162, 0.3512,  
0.3431

 8.0298, 0.4293,  
0.3634

262.6344, 0.3488,  
0.3423

 4.1140, 0.4578,  
0.3679

315.0046, 0.3467,

 1.7376, 0.5100,

0.3415

0.3765

373.9112, 0.3448,  
0.3409

0.4478, 0.6473,  
0.3527

0.0000, 0.0000,  
0.0000

64.1521, 0.3708,  
0.3492

64.1521, 0.3708,  
0.3492

55.2907, 0.3988,  
0.3566

74.2352, 0.3471,  
0.3418

47.5951, 0.4313,  
0.3633

85.5754, 0.3273,  
0.3348

41.0181, 0.4677,  
0.3687

98.2178, 0.3107,  
0.3282

35.5057, 0.5067,  
0.3717

99.2534, 0.3103,  
0.3290

■ 30.9992, 0.5452,  
0.3710

■ 27.4336, 0.5791,  
0.3658

■ 24.7315, 0.6048,  
0.3568

■ 24.4347, 0.6077,  
0.3557

# Harmonies

## Analogous

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



64.1521, 0.3594, 0.3248



64.1521, 0.3708, 0.3492



64.1521, 0.3657, 0.3699

# Triad

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



64.1521, 0.3708, 0.3492



64.1521, 0.2895, 0.3580



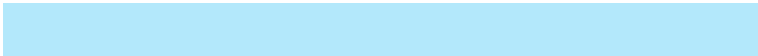
64.1521, 0.2787, 0.2806

# Complementary

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



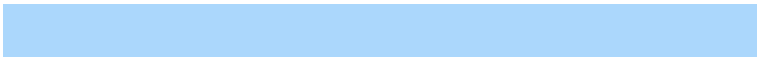
64.1521, 0.3708, 0.3492



74.2775, 0.2688, 0.3078

# 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.



64.1521, 0.2618, 0.2866



64.1521, 0.3708, 0.3492



64.1521, 0.2678, 0.3307

# Square

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



64.1521, 0.3708, 0.3492



64.1521, 0.3181, 0.3768



64.1521, 0.2579, 0.3045



64.1521, 0.3052, 0.2864



# Rectangle

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



64.1521, 0.3708, 0.3492



64.1521, 0.3540, 0.3786



64.1521, 0.2579, 0.3045



64.1521, 0.2718, 0.2812

# Sweetspot

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



64.1551, 0.3708, 0.3492



88.2984, 0.3279, 0.3350



58.6378, 0.3301, 0.2741



18.5168, 0.3305, 0.3360



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.



64.1551, 0.3708, 0.3492



61.4337, 0.3852, 0.3532



82.0555, 0.3609, 0.3842



17.9696, 0.3287, 0.3353



13.0424, 0.6049, 0.3579



1.3733, 0.5819, 0.3762

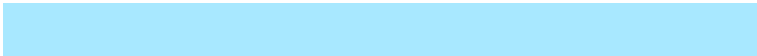


# Inverse Universe

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



74.2775, 0.2688, 0.3078



73.3648, 0.2610, 0.3032



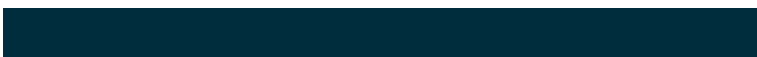
56.4852, 0.2644, 0.2668



18.7884, 0.2980, 0.3226



22.1050, 0.2003, 0.2409



2.2202, 0.2035, 0.2527



# Previews

## White Background



This preview shows how the Yxy color 64.1521, 0.3708, 0.3492 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 64.1521, 0.3708, 0.3492 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

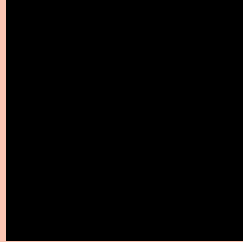
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 64.1521, 0.3708, 0.3492**

## Background



This preview shows how black text looks on a background with the Yxy color 64.1521, 0.3708, 0.3492.



This preview shows how white text looks on a background with the Yxy color 64.1521, 0.3708, 0.3492.

# 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

64.1521, 0.3708, 0.3492

### Protanopia

64.1638, 0.3376, 0.3564

### Deuteranopia

64.1562, 0.3622, 0.3552



## Tritanopia

64.2579, 0.3498, 0.3136

# Trichromacy



## Original Color

64.1521, 0.3708, 0.3492

## Protanomaly

64.0705, 0.3495, 0.3535

## Deuteranomaly

64.4001, 0.3658, 0.3538

## Tritanomaly

63.9901, 0.3577, 0.3260

# Monochromacy



## Original Color

64.1521, 0.3708, 0.3492

## Achromatopsia

65.8375, 0.3127, 0.3290

## Achromatomaly

64.9645, 0.3324, 0.3368

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.1521, 0.3708, 0.3492 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(251, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(251, 198, 179)  
}
```

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(251, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 198, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 64.1521, 0.3708, 0.3492 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(251, 198, 179) }
```

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

```
.border{ border-color:rgb(251, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(251, 198,  
179) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.1521, 0.3708, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 198, 179) }
```

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

```
.background{ background-color: rgb(251,  
198, 179) }
```

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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