

# Converting Colors

$Yxy(64.1975, 0.3613, 0.3381)$

Have a look what the booklet for  
Yxy(64.1975, 0.3613, 0.3381)  
contains.

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# Color

**Yxy(64.3863, 0.3619, 0.3386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAC6BD
RGB	250, 198, 189
RGB Percent	98%, 78%, 74%
CMY	0.0194, 0.2236, 0.2588
CMYK	0.00, 0.21, 0.24, 0.02
HSL	9°, 86%, 86%
HSV	9°, 24%, 98%
XYZ	68.8169, 64.3863, 56.9513
YIQ	212.5220, 33.8810, 8.2250

# Conversions

## Conversions Part 2

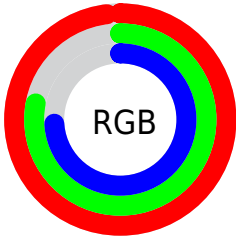
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 200, 189
Decimal	16434877
CIE Lab	84.17, 17.22, 11.56
CIE LCh	84, 20.742, 33.865
Yxy	64.3863, 0.3619, 0.3386
Android (android.graphics.Color)	4294624957 (0xFFFA6BD)
YUV	212.5220, -11.5963, 32.8682
Hunter-Lab	80.2411, 12.6645, 14.0876

# Details

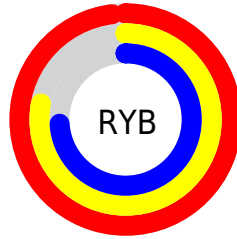
The Yxy color **64.3863, 0.3619, 0.3386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6789, 0.2758, 0.3192**, and the grayscale version is **66.2699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **33.0615, 0.3745, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **54.3227, 0.3900, 0.3428**, and if you desaturate by 10%, it is **76.0159, 0.3388, 0.3345**.

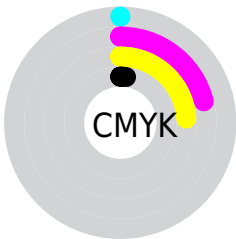
# Distribution



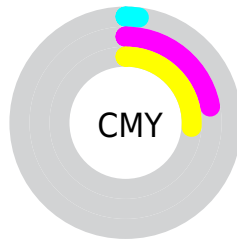
- Red (98%)
- Green (78%)
- Blue (74%)



- Red (98%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3863, 0.3619, 0.3386 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 64.3863, 0.3619, 0.3386 by changing the saturation by 10% instead.





 64.3863, 0.3619,  
0.3386

 64.3863, 0.3619,  
0.3386


440.5833, 0.3384,  
0.3345

 46.9636, 0.3674,  
0.3394


 111.1671, 0.3536,  
0.3373

 33.0069, 0.3744,  
0.3404


141.2940, 0.3504,  
0.3367

 22.1317, 0.3833,  
0.3415


176.4244, 0.3477,  
0.3362

 13.9537, 0.3952,  
0.3429

216.9428, 0.3453,  
0.3358

 8.0885, 0.4119,  
0.3443

263.2334, 0.3433,  
0.3354

 4.1516, 0.4367,  
0.3457

315.6808, 0.3415,

 1.7587, 0.4773,

0.3351

0.3458

374.6693, 0.3399,  
0.3348

0.4613, 0.6506,  
0.3494

0.0000, 0.0000,  
0.0000

64.3863, 0.3619,  
0.3386

64.3863, 0.3619,  
0.3386

54.3227, 0.3900,  
0.3428

76.0159, 0.3388,  
0.3345

45.7495, 0.4235,  
0.3467

89.2652, 0.3199,  
0.3306

38.5982, 0.4625,  
0.3500

99.0725, 0.3097,  
0.3290

32.7914, 0.5055,  
0.3518

■ 28.2440, 0.5493,  
0.3515

■ 24.8615, 0.5885,  
0.3484

■ 22.5350, 0.6174,  
0.3427

■ 21.6411, 0.6284,  
0.3392

# Harmonies

## Analogous

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



64.3863, 0.3465, 0.3168



64.3863, 0.3619, 0.3386



64.3863, 0.3634, 0.3590

# Triad

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



64.3863, 0.3619, 0.3386



64.3863, 0.3020, 0.3626



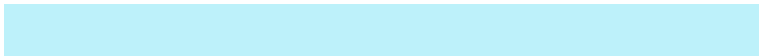
64.3863, 0.2751, 0.2866

# Complementary

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



64.3863, 0.3619, 0.3386



80.6789, 0.2758, 0.3192

# 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.



64.3863, 0.2644, 0.2966



64.3863, 0.3619, 0.3386



64.3863, 0.2794, 0.3406

# Square

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



64.3863, 0.3619, 0.3386



64.3863, 0.3281, 0.3744



64.3863, 0.2659, 0.3161



64.3863, 0.2959, 0.2876



# Rectangle

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



64.3863, 0.3619, 0.3386



64.3863, 0.3563, 0.3692



64.3863, 0.2659, 0.3161



64.3863, 0.2702, 0.2887

# Sweetspot

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



64.3893, 0.3619, 0.3386



89.5707, 0.3245, 0.3316



63.1385, 0.3216, 0.2757



18.9880, 0.3255, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

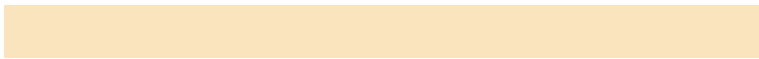
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3893, 0.3619, 0.3386



62.2637, 0.3742, 0.3405



79.3111, 0.3547, 0.3688



17.6369, 0.3290, 0.3326



11.5990, 0.6264, 0.3408



1.1938, 0.6070, 0.3562

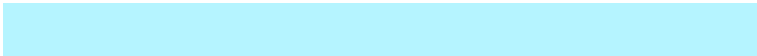


# Inverse Universe

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



80.6789, 0.2758, 0.3192



81.8276, 0.2693, 0.3171



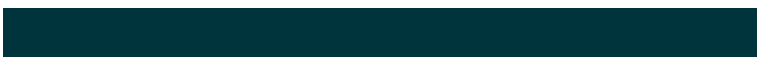
64.5089, 0.2730, 0.2856



19.1480, 0.2980, 0.3254



29.1351, 0.2116, 0.2816

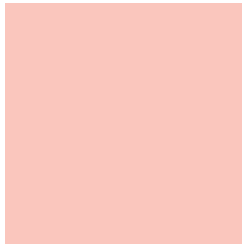


2.8131, 0.2133, 0.2878



# Previews

## White Background



This preview shows how the Yxy color 64.3863, 0.3619, 0.3386 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

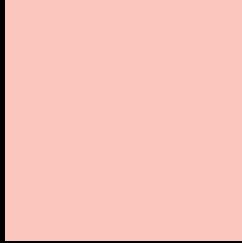
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 64.3863, 0.3619, 0.3386 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 64.3863, 0.3619, 0.3386**

## **Background**



This preview shows how black text looks on a background with the Yxy color 64.3863, 0.3619, 0.3386.



This preview shows how white text looks on a background with the Yxy color 64.3863, 0.3619, 0.3386.

# 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

64.3863, 0.3619, 0.3386

### Protanopia

64.4465, 0.3295, 0.3449

### Deuteranopia

64.6934, 0.3525, 0.3454



## Tritanopia

64.3788, 0.3472, 0.3136

# Trichromacy



## Original Color

64.3863, 0.3619, 0.3386

## Protanomaly

64.3359, 0.3411, 0.3424

## Deuteranomaly

64.4588, 0.3562, 0.3431

## Tritanomaly

64.2534, 0.3527, 0.3229

# Monochromacy



## Original Color

64.3863, 0.3619, 0.3386

## Achromatopsia

66.5387, 0.3127, 0.3290

## Achromatomaly

65.6401, 0.3293, 0.3335

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.3863, 0.3619, 0.3386 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(250, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 189)  
}
```

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(250, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 64.3863, 0.3619, 0.3386 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(250, 198, 189) }
```

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

```
.border{ border-color:rgb(250, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 198, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 198, 189); box-shadow:4px 4px 4px 4px rgb(250, 198, 189) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.3863, 0.3619, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 189) }
```

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

```
.background{ background-color: rgb(250,  
198, 189) }
```

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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