

# Converting Colors

$Yxy(64.1594, 0.3621, 0.3365)$

Have a look what the booklet for  
Yxy(64.1594, 0.3621, 0.3365)  
contains.

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# Color

**Yxy(64.1594, 0.3621, 0.3365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC5BE
RGB	251, 197, 190
RGB Percent	98%, 77%, 75%
CMY	0.0158, 0.2274, 0.2549
CMYK	0.00, 0.22, 0.24, 0.02
HSL	7°, 88%, 86%
HSV	7°, 24%, 98%
XYZ	69.0405, 64.1594, 57.4670
YIQ	212.3480, 34.4310, 9.2710

# Conversions

## Conversions Part 2

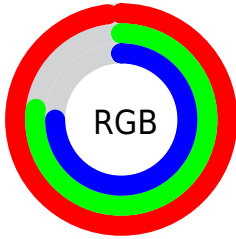
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	251, 198, 190
Decimal	16500158
CIE <sub>Lab</sub>	84.05, 18.22, 10.87
CIE <sub>LCh</sub>	84, 21.213, 30.825
Y <sub>xy</sub>	64.1594, 0.3621, 0.3365
Android (android.graphics.Color)	4294690238 (0xFFFBC5BE)
YUV	212.3480, -11.0176, 33.8978
Hunter-Lab	80.0996, 13.6808, 13.5324

# Details

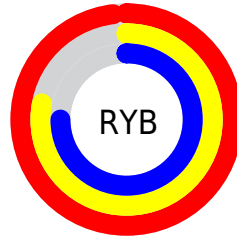
The Yxy color **64.1594, 0.3621, 0.3365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6044, 0.2762, 0.3214**, and the grayscale version is **66.1409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7974, 0.3180, 0.3367**, and **32.9204, 0.3749, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **53.7998, 0.3906, 0.3398**, and if you desaturate by 10%, it is **76.2008, 0.3387, 0.3333**.

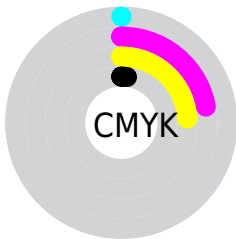
# Distribution



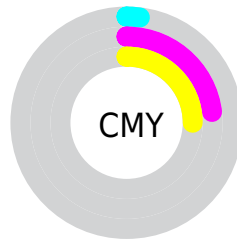
- Red (98%)
- Green (77%)
- Blue (75%)



- Red (98%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1594, 0.3621, 0.3365 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 64.1594, 0.3621, 0.3365 by changing the saturation by 10% instead.



 64.1594, 0.3621,  
0.3365

 64.1594, 0.3621,  
0.3365


439.7650, 0.3385,  
0.3334

 46.7798, 0.3677,  
0.3371


 110.8405, 0.3538,  
0.3355

 32.8616, 0.3746,  
0.3378


140.9107, 0.3506,  
0.3351

 22.0204, 0.3836,  
0.3386


175.9800, 0.3478,  
0.3347

 13.8719, 0.3956,  
0.3394

216.4326, 0.3455,  
0.3344

 8.0316, 0.4124,  
0.3402

262.6530, 0.3434,  
0.3341

 4.1152, 0.4375,  
0.3407

315.0257, 0.3416,

 1.7382, 0.4785,

0.3339

0.3393

373.9349, 0.3400,  
0.3336

0.4482, 0.6603,  
0.3397

0.0000, 0.0000,  
0.0000

64.1594, 0.3621,  
0.3365

64.1594, 0.3621,  
0.3365

53.7998, 0.3906,  
0.3398

76.2008, 0.3387,  
0.3333

45.0387, 0.4250,  
0.3429

89.9850, 0.3197,  
0.3302

37.7988, 0.4650,  
0.3454

99.2461, 0.3102,  
0.3290

31.9933, 0.5092,  
0.3468

■ 27.5261, 0.5541,  
0.3463

■ 24.2895, 0.5937,  
0.3436

■ 22.1588, 0.6220,  
0.3389

■ 21.3756, 0.6323,  
0.3361

# Harmonies

## Analogous

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



64.1594, 0.3451, 0.3144



64.1594, 0.3621, 0.3365



64.1594, 0.3651, 0.3578

# Triad

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



64.1594, 0.3621, 0.3365



64.1594, 0.3043, 0.3653



64.1594, 0.2726, 0.2862

# Complementary

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



64.1594, 0.3621, 0.3365



82.6044, 0.2762, 0.3214

# 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.



64.1594, 0.2628, 0.2974



64.1594, 0.3621, 0.3365



64.1594, 0.2806, 0.3435

# Square

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



64.1594, 0.3621, 0.3365



64.1594, 0.3310, 0.3760



64.1594, 0.2657, 0.3182



64.1594, 0.2930, 0.2861



# Rectangle

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



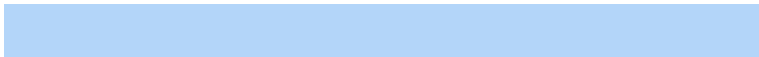
64.1594, 0.3621, 0.3365



64.1594, 0.3588, 0.3688



64.1594, 0.2657, 0.3182



64.1594, 0.2680, 0.2887

# Sweetspot

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



64.1624, 0.3621, 0.3365



89.2329, 0.3245, 0.3310



63.9242, 0.3200, 0.2740



18.9100, 0.3256, 0.3312



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.



64.1624, 0.3621, 0.3365



61.2259, 0.3749, 0.3381



78.9412, 0.3550, 0.3666



17.5459, 0.3291, 0.3318



11.3415, 0.6306, 0.3375



1.1510, 0.6137, 0.3509



# Inverse Universe

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



82.6044, 0.2762, 0.3214



83.2725, 0.2696, 0.3197



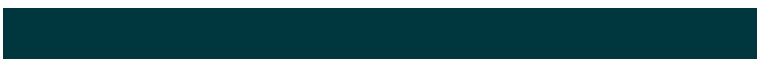
66.2091, 0.2734, 0.2882



19.2482, 0.2980, 0.3262



31.3124, 0.2146, 0.2924



2.9937, 0.2159, 0.2971



# Previews

## White Background



This preview shows how the Yxy color 64.1594, 0.3621, 0.3365 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

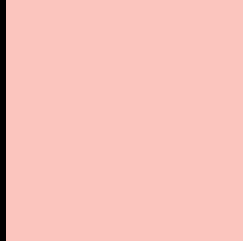
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 64.1594, 0.3621, 0.3365 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 64.1594, 0.3621, 0.3365**

## **Background**



This preview shows how black text looks on a background with the Yxy color 64.1594, 0.3621, 0.3365.



This preview shows how white text looks on a background with the Yxy color 64.1594, 0.3621, 0.3365.

# 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

64.1594, 0.3621, 0.3365

### Protanopia

64.3382, 0.3280, 0.3438

### Deuteranopia

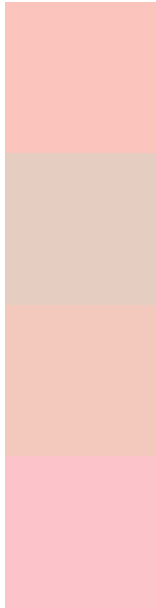
64.0923, 0.3511, 0.3433



## Tritanopia

64.0697, 0.3490, 0.3136

# Trichromacy



## Original Color

64.1594, 0.3621, 0.3365

## Protanomaly

64.2157, 0.3395, 0.3413

## Deuteranomaly

64.0374, 0.3557, 0.3409

## Tritanomaly

63.9899, 0.3537, 0.3218

# Monochromacy



## Original Color

64.1594, 0.3621, 0.3365

## Achromatopsia

65.8375, 0.3127, 0.3290

## Achromatomaly

65.1540, 0.3294, 0.3324

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.1594, 0.3621, 0.3365 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, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 190)  
}
```

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, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 64.1594, 0.3621, 0.3365 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, 197, 190) }
```

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

```
.border{ border-color:rgb(251, 197, 190) }
```

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

Here you see how a box with a 4 pixel rgb(251, 197, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.1594, 0.3621, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 190) }
```

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

```
.background{ background-color: rgb(251,  
197, 190) }
```

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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