

# Converting Colors

Yxy(64.0658, 0.3691, 0.3657)

Have a look what the booklet for  
Yxy(64.0658, 0.3691, 0.3657)  
contains.

<b>Yxy(64.2772, 0.3690, 0.3660)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(64.2772, 0.3690, 0.3660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CBA9
RGB	241, 203, 169
RGB Percent	95%, 80%, 66%
CMY	0.0548, 0.2040, 0.3372
CMYK	0.00, 0.16, 0.30, 0.05
HSL	28°, 72%, 80%
HSV	28°, 30%, 95%
XYZ	64.8041, 64.2772, 46.5395
YIQ	210.4860, 33.5620, -2.5180

# Conversions

## Conversions Part 2

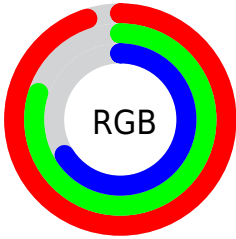
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 233, 169
Decimal	15846313
CIE Lab	84.11, 8.56, 21.95
CIE LCh	84, 23.560, 68.683
Yxy	64.2772, 0.3690, 0.3660
Android (android.graphics.Color)	4294036393 (0xFFF1CBA9)
YUV	210.4860, -20.4526, 26.7608
Hunter-Lab	80.1731, 3.9791, 21.7040

# Details

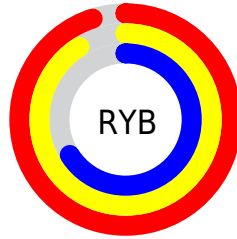
The Yxy color **64.2772, 0.3690, 0.3660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4518, 0.2651, 0.2888**, and the grayscale version is **64.9103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **32.9696, 0.3828, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **57.6869, 0.3931, 0.3788**, and if you desaturate by 10%, it is **71.5345, 0.3476, 0.3531**.

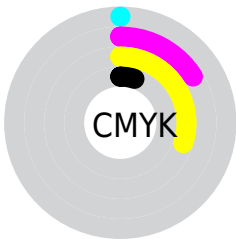
# Distribution



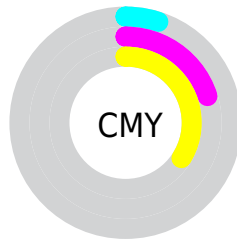
- Red (95%)
- Green (80%)
- Blue (66%)



- Red (95%)
- Yellow (91%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2772, 0.3690, 0.3660 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 64.2772, 0.3690, 0.3660 by changing the saturation by 10% instead.




 64.2772, 0.3690,  
0.3660

 64.2772, 0.3690,  
0.3660

440.1900, 0.3423,  
0.3490

 46.8752, 0.3752,  
0.3698


 111.0101, 0.3596,  
0.3602

 32.9370, 0.3830,  
0.3744


141.1097, 0.3560,  
0.3579

 22.0782, 0.3929,  
0.3802


176.2107, 0.3529,  
0.3559

 13.9144, 0.4060,  
0.3874

216.6975, 0.3502,  
0.3542

 8.0611, 0.4238,  
0.3968

262.9544, 0.3478,  
0.3527

 4.1341, 0.4494,  
0.4090

315.3659, 0.3458,

 1.7489, 0.5125,

0.3513

0.4451

374.3163, 0.3439,  
0.3501

0.4550, 0.5851,  
0.4149

0.0000, 0.0000,  
0.0000

64.2772, 0.3690,  
0.3660

64.2772, 0.3690,  
0.3660

57.6869, 0.3931,  
0.3788

71.5345, 0.3476,  
0.3531

51.7335, 0.4197,  
0.3908

79.4697, 0.3288,  
0.3407

46.3979, 0.4481,  
0.4010

88.1047, 0.3125,  
0.3289

41.6560, 0.4772,  
0.4081

96.7668, 0.3042,  
0.3279

■ 37.4816, 0.5053,  
0.4108

■ 97.4472, 0.3042,  
0.3290

■ 33.8454, 0.5304,  
0.4081

■ 30.7076, 0.5513,  
0.4003

■ 30.6712, 0.5516,  
0.4002

# Harmonies

## Analogous

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



64.2772, 0.3701, 0.3436



64.2772, 0.3690, 0.3660



64.2772, 0.3523, 0.3799

# Triad

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



64.2772, 0.3690, 0.3660



64.2772, 0.2717, 0.3376



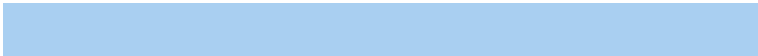
64.2772, 0.2981, 0.2836

# Complementary

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



64.2772, 0.3690, 0.3660



59.4518, 0.2651, 0.2888

# 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.



64.2772, 0.2732, 0.2804



64.2772, 0.3690, 0.3660



64.2772, 0.2585, 0.3100

# Square

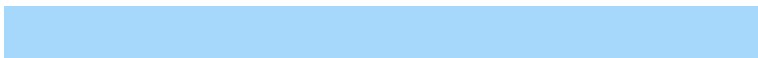
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2772, 0.3690, 0.3660



64.2772, 0.2958, 0.3640



64.2772, 0.2591, 0.2895



64.2772, 0.3281, 0.2974



# Rectangle

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



64.2772, 0.3690, 0.3660



64.2772, 0.3350, 0.3816



64.2772, 0.2591, 0.2895



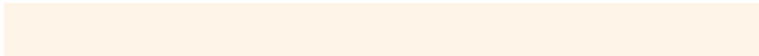
64.2772, 0.2889, 0.2812

# Sweetspot

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



64.2802, 0.3690, 0.3660



91.1151, 0.3274, 0.3396



51.6191, 0.3444, 0.2877



19.2081, 0.3299, 0.3414



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.



64.2802, 0.3690, 0.3660



68.2943, 0.3837, 0.3740



83.0930, 0.3585, 0.4015



16.9883, 0.3281, 0.3402



16.8922, 0.5489, 0.4023



1.6030, 0.5275, 0.4194



# Inverse Universe

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



59.4518, 0.2651, 0.2888



61.9657, 0.2550, 0.2789



44.0783, 0.2602, 0.2445



16.6113, 0.2980, 0.3176



11.9940, 0.1798, 0.1674

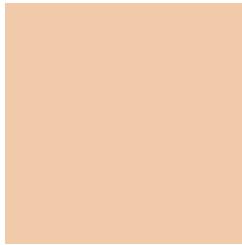


1.1969, 0.1862, 0.1902



# Previews

## White Background



This preview shows how the Yxy color 64.2772, 0.3690, 0.3660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

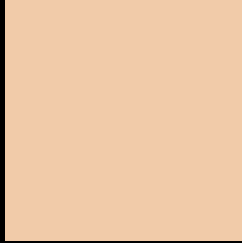
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 64.2772, 0.3690, 0.3660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

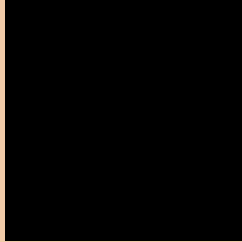
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 64.2772, 0.3690, 0.3660**

## Background



This preview shows how black text looks on a background with the Yxy color 64.2772, 0.3690, 0.3660.



This preview shows how white text looks on a background with the Yxy color 64.2772, 0.3690, 0.3660.

# 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

64.2772, 0.3690, 0.3660

### Protanopia

64.6013, 0.3493, 0.3723

### Deuteranopia

64.3387, 0.3718, 0.3647



## Tritanopia

64.2788, 0.3405, 0.3133

# Trichromacy



**Original Color**

64.2772, 0.3690, 0.3660

**Protanomaly**

64.2239, 0.3565, 0.3694

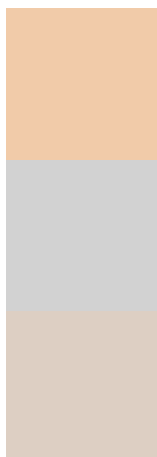
**Deuteranomaly**

64.1603, 0.3709, 0.3648

**Tritanomaly**

64.0655, 0.3511, 0.3323

# Monochromacy



**Original Color**

64.2772, 0.3690, 0.3660

**Achromatopsia**

64.4480, 0.3127, 0.3290

**Achromatomaly**

63.9379, 0.3321, 0.3426

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.2772, 0.3690, 0.3660 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(241, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 169)  
}
```

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(241, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 64.2772, 0.3690, 0.3660 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(241, 203, 169) }
```

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

```
.border{ border-color:rgb(241, 203, 169) }
```

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

Here you see how a box with a 4 pixel rgb(241, 203, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.2772, 0.3690, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 169) }
```

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

```
.background{ background-color: rgb(241,  
203, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor