

# Converting Colors

$Yxy(66.6204, 0.3522, 0.3411)$

Have a look what the booklet for  
Yxy(66.6204, 0.3522, 0.3411)  
contains.

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# Color

**Yxy(66.7460, 0.3522, 0.3419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4CDC1
RGB	244, 205, 193
RGB Percent	96%, 80%, 76%
CMY	0.0433, 0.1960, 0.2431
CMYK	0.00, 0.16, 0.21, 0.04
HSL	14°, 70%, 86%
HSV	14°, 21%, 96%
XYZ	68.7568, 66.7460, 59.7181
YIQ	215.2930, 27.0960, 4.5360

# Conversions

## Conversions Part 2

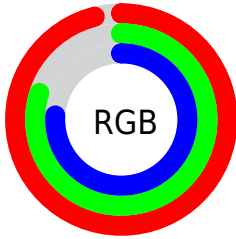
Format	Color
R <sub>Y</sub> B	244, 209, 193
Decimal	16043457
CIE Lab	85.38, 11.88, 11.07
CIE LCh	85, 16.242, 42.987
Yxy	66.7460, 0.3522, 0.3419
Android (android.graphics.Color)	4294233537 (0xFFF4CDC1)
YUV	215.2930, -10.9904, 25.1760
Hunter-Lab	81.6982, 7.2527, 13.8502

# Details

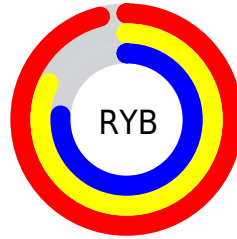
The Yxy color **66.7460, 0.3522, 0.3419** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5583, 0.2806, 0.3157**, and the grayscale version is **68.2263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **34.5621, 0.3623, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **57.3511, 0.3771, 0.3485**, and if you desaturate by 10%, it is **77.3899, 0.3314, 0.3355**.

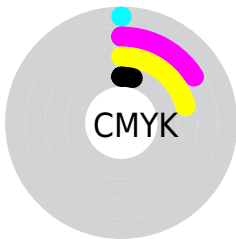
# Distribution



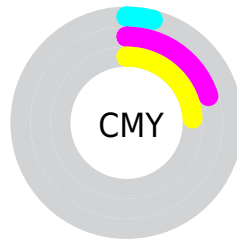
- Red (96%)
- Green (80%)
- Blue (76%)



- Red (96%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7460, 0.3522, 0.3419 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 66.7460, 0.3522, 0.3419 by changing the saturation by 10% instead.




 66.7460, 0.3522,  
0.3419

 66.7460, 0.3522,  
0.3419

449.0401, 0.3335,  
0.3361

 48.8782, 0.3566,  
0.3432


 114.5564, 0.3456,  
0.3399

 34.5229, 0.3620,  
0.3447

145.2678, 0.3431,  
0.3392

 23.2956, 0.3691,  
0.3466


181.0292, 0.3409,  
0.3385

 14.8119, 0.3784,  
0.3489

222.2250, 0.3390,  
0.3379

 8.6875, 0.3913,  
0.3520

269.2396, 0.3374,  
0.3374

 4.5379, 0.4105,  
0.3559

322.4574, 0.3359,

 1.9788, 0.4415,

0.3369

0.3608

382.2628, 0.3346,  
0.3365

0.5951, 0.5898,  
0.4102

0.0000, 0.0000,  
0.0000

66.7460, 0.3522,  
0.3419

66.7460, 0.3522,  
0.3419

57.3511, 0.3771,  
0.3485

77.3899, 0.3314,  
0.3355

49.1501, 0.4067,  
0.3550

89.3172, 0.3141,  
0.3295

42.0972, 0.4409,  
0.3609

97.9667, 0.3059,  
0.3290

36.1399, 0.4792,  
0.3652

■ 31.2218, 0.5195,  
0.3669

■ 27.2808, 0.5584,  
0.3651

■ 24.2480, 0.5913,  
0.3591

■ 22.2012, 0.6134,  
0.3511

# Harmonies

## Analogous

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



66.7460, 0.3434, 0.3247



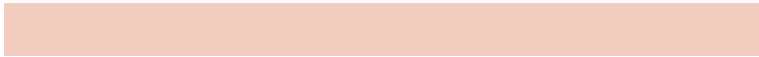
66.7460, 0.3522, 0.3419



66.7460, 0.3500, 0.3565

# Triad

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



66.7460, 0.3522, 0.3419



66.7460, 0.2987, 0.3503



66.7460, 0.2877, 0.2953

# Complementary

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



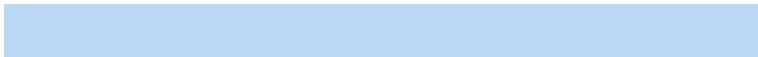
66.7460, 0.3522, 0.3419



75.5583, 0.2806, 0.3157

# 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.



66.7460, 0.2766, 0.3007



66.7460, 0.3522, 0.3419



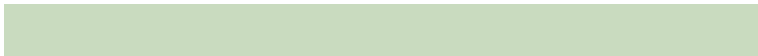
66.7460, 0.2827, 0.3323

# Square

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



66.7460, 0.3522, 0.3419



66.7460, 0.3187, 0.3621



66.7460, 0.2748, 0.3140



66.7460, 0.3058, 0.2984



# Rectangle

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



66.7460, 0.3522, 0.3419



66.7460, 0.3426, 0.3626



66.7460, 0.2748, 0.3140



66.7460, 0.2831, 0.2961

# Sweetspot

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



66.7490, 0.3522, 0.3419



91.8175, 0.3226, 0.3325



63.2027, 0.3239, 0.2886



19.4689, 0.3237, 0.3329



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

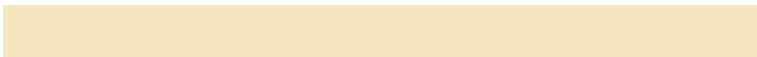
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7490, 0.3522, 0.3419



69.3061, 0.3621, 0.3447



79.8812, 0.3469, 0.3679



17.1162, 0.3288, 0.3346



12.2491, 0.6108, 0.3532



1.2284, 0.5870, 0.3721

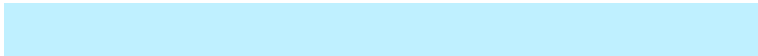


# Inverse Universe

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



75.5583, 0.2806, 0.3157



80.6362, 0.2744, 0.3127



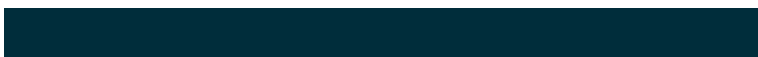
62.3006, 0.2787, 0.2868



18.0571, 0.2980, 0.3233



22.9830, 0.2031, 0.2510

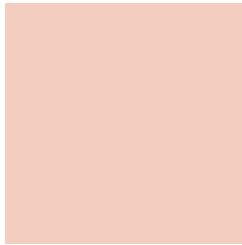


2.1760, 0.2061, 0.2619



# Previews

## White Background



This preview shows how the Yxy color 66.7460, 0.3522, 0.3419 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 66.7460, 0.3522, 0.3419 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

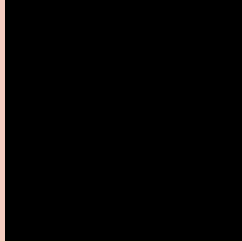
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 66.7460, 0.3522, 0.3419**

## Background



This preview shows how black text looks on a background with the Yxy color 66.7460, 0.3522, 0.3419.

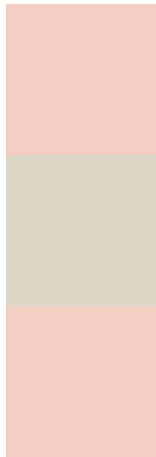


This preview shows how white text looks on a background with the Yxy color 66.7460, 0.3522, 0.3419.

# 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

66.7460, 0.3522, 0.3419

### Protanopia

66.9919, 0.3299, 0.3470

### Deuteranopia

66.8701, 0.3504, 0.3430



## Tritanopia

66.5572, 0.3369, 0.3124

# Trichromacy



## Original Color

66.7460, 0.3522, 0.3419

## Protanomaly

66.7367, 0.3372, 0.3445

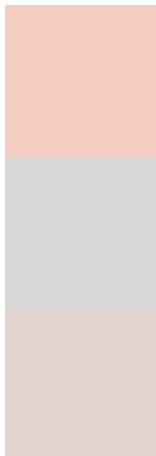
## Deuteranomaly

67.0476, 0.3512, 0.3430

## Tritanomaly

66.3880, 0.3428, 0.3228

# Monochromacy



## Original Color

66.7460, 0.3522, 0.3419

## Achromatopsia

67.9542, 0.3127, 0.3290

## Achromatomaly

67.2623, 0.3268, 0.3334

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.7460, 0.3522, 0.3419 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(244, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 205, 193)  
}
```

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(244, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 205, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 66.7460, 0.3522, 0.3419 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(244, 205, 193) }
```

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

```
.border{ border-color:rgb(244, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(244, 205,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.7460, 0.3522, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 205, 193) }
```

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

```
.background{ background-color: rgb(244,  
205, 193) }
```

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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