

# Converting Colors

Yxy(65.3571, 0.3594, 0.3489)

Have a look what the booklet for  
Yxy(65.3571, 0.3594, 0.3489)  
contains.

<b>Yxy(65.4057, 0.3597, 0.3495)</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(65.4057, 0.3597, 0.3495)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4CBB8
RGB	244, 203, 184
RGB Percent	96%, 80%, 72%
CMY	0.0431, 0.2039, 0.2785
CMYK	0.00, 0.17, 0.25, 0.04
HSL	19°, 73%, 84%
HSV	19°, 25%, 96%
XYZ	67.3145, 65.4057, 54.4205
YIQ	213.0930, 30.5350, 2.7830

# Conversions

## Conversions Part 2

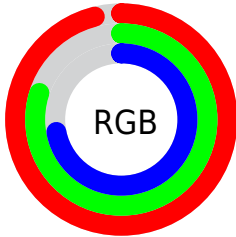
Format	Color
R <sub>Y</sub> B	244, 212, 184
Decimal	16042936
CIE Lab	84.69, 11.66, 14.89
CIE LCh	85, 18.913, 51.920
Yxy	65.4057, 0.3597, 0.3495
Android (android.graphics.Color)	4294233016 (0xFFFF4CBB8)
YUV	213.0930, -14.3428, 27.1054
Hunter-Lab	80.8738, 7.0437, 16.7150

# Details

The Yxy color **65.4057, 0.3597, 0.3495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5632, 0.2746, 0.3075**, and the grayscale version is **66.6889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **33.6984, 0.3714, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **57.0176, 0.3849, 0.3583**, and if you desaturate by 10%, it is **74.8227, 0.3382, 0.3408**.

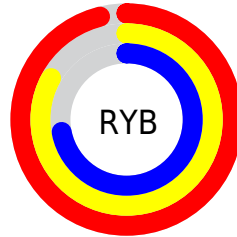
# Distribution



Red (96%)

Green (80%)

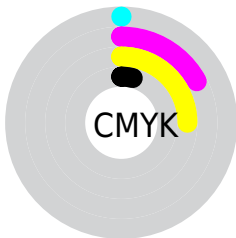
Blue (72%)



Red (96%)

Yellow (83%)

Blue (72%)

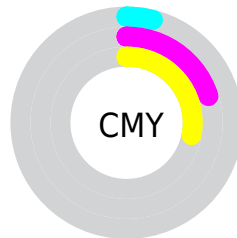


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (4%)



Cyan (4%)

Magenta (20%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4057, 0.3597, 0.3495 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 65.4057, 0.3597, 0.3495 by changing the saturation by 10% instead.




 65.4057, 0.3597,  
0.3495

 65.4057, 0.3597,  
0.3495


444.2484, 0.3374,  
0.3402

 47.7901, 0.3649,  
0.3515


 112.6329, 0.3518,  
0.3463

 33.6607, 0.3715,  
0.3540

143.0134, 0.3488,  
0.3451

 22.6331, 0.3799,  
0.3571


178.4176, 0.3462,  
0.3440

 14.3228, 0.3910,  
0.3610

219.2299, 0.3440,  
0.3431

 8.3455, 0.4065,  
0.3659

265.8347, 0.3420,  
0.3422

 4.3168, 0.4294,  
0.3724

318.6165, 0.3403,

 1.8523, 0.4676,

0.3415

377.9596, 0.3387,  
0.3408

0.3818

0.5195, 0.5998,  
0.4002

0.0000, 0.0000,  
0.0000

65.4057, 0.3597,  
0.3495

65.4057, 0.3597,  
0.3495

57.0176, 0.3849,  
0.3583

74.8227, 0.3382,  
0.3408

49.6138, 0.4141,  
0.3669

85.2934, 0.3201,  
0.3326

43.1594, 0.4471,  
0.3743

96.7111, 0.3060,  
0.3271

37.6138, 0.4829,  
0.3796

97.9726, 0.3060,  
0.3290

■ 32.9333, 0.5195,  
0.3815

■ 29.0702, 0.5538,  
0.3788

■ 25.9707, 0.5823,  
0.3712

■ 24.5846, 0.5949,  
0.3658

# Harmonies

## Analogous

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



65.4057, 0.3531, 0.3298



65.4057, 0.3597, 0.3495



65.4057, 0.3531, 0.3648

# Triad

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



65.4057, 0.3597, 0.3495



65.4057, 0.2899, 0.3482



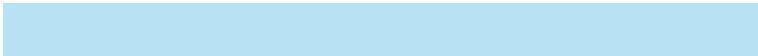
65.4057, 0.2891, 0.2898

# Complementary

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



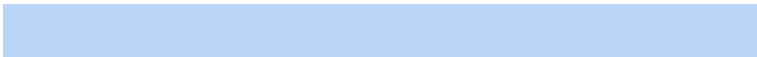
65.4057, 0.3597, 0.3495



70.5632, 0.2746, 0.3075

# 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.



65.4057, 0.2733, 0.2929



65.4057, 0.3597, 0.3495



65.4057, 0.2738, 0.3261

# Square

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



65.4057, 0.3597, 0.3495



65.4057, 0.3124, 0.3650



65.4057, 0.2679, 0.3059



65.4057, 0.3116, 0.2963



# Rectangle

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



65.4057, 0.3597, 0.3495



65.4057, 0.3424, 0.3702



65.4057, 0.2679, 0.3059



65.4057, 0.2829, 0.2897

# Sweetspot

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



65.4087, 0.3597, 0.3495



91.3684, 0.3242, 0.3345



58.9476, 0.3303, 0.2861



19.4032, 0.3252, 0.3350



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.



65.4087, 0.3597, 0.3495



67.0839, 0.3730, 0.3544



80.9691, 0.3524, 0.3800



17.3394, 0.3286, 0.3366



13.5843, 0.5921, 0.3681



1.3709, 0.5677, 0.3874

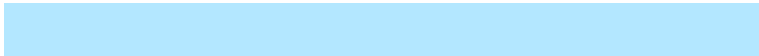


# Inverse Universe

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



70.5632, 0.2746, 0.3075



73.7615, 0.2663, 0.3020



55.7494, 0.2716, 0.2722



17.8204, 0.2980, 0.3213



18.7729, 0.1950, 0.2220

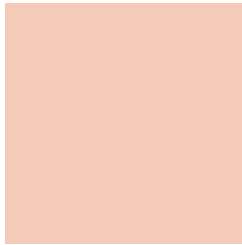


1.8342, 0.1992, 0.2370



# Previews

## White Background



This preview shows how the Yxy color 65.4057, 0.3597, 0.3495 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

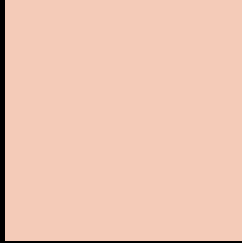
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.4057, 0.3597, 0.3495 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 65.4057, 0.3597, 0.3495**

## Background



This preview shows how black text looks on a background with the Yxy color 65.4057, 0.3597, 0.3495.



This preview shows how white text looks on a background with the Yxy color 65.4057, 0.3597, 0.3495.

# 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

65.4057, 0.3597, 0.3495

### Protanopia

65.5915, 0.3366, 0.3550

### Deuteranopia

65.5237, 0.3578, 0.3507



## Tritanopia

65.6583, 0.3403, 0.3135

# Trichromacy



## Original Color

65.4057, 0.3597, 0.3495

## Protanomaly

65.3576, 0.3442, 0.3524

## Deuteranomaly

65.7011, 0.3586, 0.3506

## Tritanomaly

65.3945, 0.3479, 0.3259

# Monochromacy



## Original Color

65.4057, 0.3597, 0.3495

## Achromatopsia

66.5387, 0.3127, 0.3290

## Achromatomaly

65.7125, 0.3291, 0.3368

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.4057, 0.3597, 0.3495 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, 203, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 184)  
}
```

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, 203, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 65.4057, 0.3597, 0.3495 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, 203, 184) }
```

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

```
.border{ border-color:rgb(244, 203, 184) }
```

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

Here you see how a box with a 4 pixel rgb(244, 203, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
184) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.4057, 0.3597, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 184) }
```

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

```
.background{ background-color: rgb(244,  
203, 184) }
```

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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