

# Converting Colors

$Yxy(67.2039, 0.3593, 0.3487)$

Have a look what the booklet for  
Yxy(67.2039, 0.3593, 0.3487)  
contains.

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# Color

**Yxy(67.0247, 0.3593, 0.3482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7CDBB
RGB	247, 205, 187
RGB Percent	97%, 80%, 73%
CMY	0.0313, 0.1961, 0.2667
CMYK	0.00, 0.17, 0.24, 0.03
HSL	18°, 79%, 85%
HSV	18°, 24%, 97%
XYZ	69.1613, 67.0247, 56.3031
YIQ	215.5060, 30.8100, 3.3060

# Conversions

## Conversions Part 2

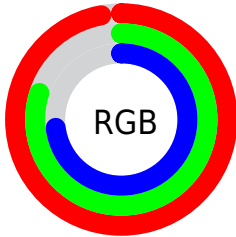
Format	Color
R <sub>Y</sub> B	247, 213, 187
Decimal	16240059
CIE Lab	85.52, 12.15, 14.50
CIE LCh	86, 18.918, 50.033
Yxy	67.0247, 0.3593, 0.3482
Android (android.graphics.Color)	4294430139 (0xFFF7CDBB)
YUV	215.5060, -14.0535, 27.6202
Hunter-Lab	81.8686, 7.5239, 16.5328

# Details

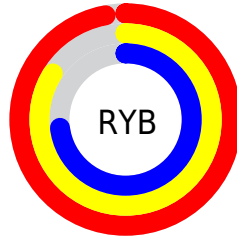
The Yxy color  $67.0247, 0.3593, 0.3482$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $73.3228, 0.2751, 0.3089$ , and the grayscale version is  $68.3999, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $99.2511, 0.3197, 0.3405$ , and  $34.8016, 0.3707, 0.3524$  is the 20% darker color. If you saturate the color by 10%, you get  $58.2389, 0.3847, 0.3566$ , and if you desaturate by 10%, it is  $76.9128, 0.3377, 0.3400$ .

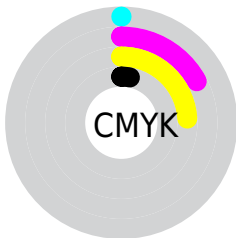
# Distribution



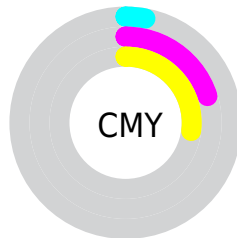
- Red (97%)
- Green (80%)
- Blue (73%)



- Red (97%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0247, 0.3593, 0.3482 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 67.0247, 0.3593, 0.3482 by changing the saturation by 10% instead.





 67.0247, 0.3593,  
0.3482

 67.0247, 0.3593,  
0.3482


450.0327, 0.3372,  
0.3396

 49.1047, 0.3645,  
0.3501


 114.9558, 0.3516,  
0.3453

 34.7025, 0.3709,  
0.3524


145.7357, 0.3486,  
0.3441

 23.4338, 0.3791,  
0.3552


181.5710, 0.3460,  
0.3431

 14.9142, 0.3900,  
0.3587

222.8461, 0.3438,  
0.3422

 8.7592, 0.4051,  
0.3632

269.9455, 0.3418,  
0.3415

 4.5844, 0.4272,  
0.3690

323.2534, 0.3401,

 2.0056, 0.4627,

0.3408

0.3765

383.1544, 0.3386,  
0.3402

0.6107, 0.5897,  
0.4103

0.0000, 0.0000,  
0.0000

67.0247, 0.3593,  
0.3482

67.0247, 0.3593,  
0.3482

58.2389, 0.3847,  
0.3566

76.9128, 0.3377,  
0.3400

50.5072, 0.4143,  
0.3647

87.9308, 0.3196,  
0.3322

43.7915, 0.4478,  
0.3717

98.5163, 0.3078,  
0.3290

38.0474, 0.4843,  
0.3767

■ 33.2274, 0.5217,  
0.3784

■ 29.2792, 0.5568,  
0.3756

■ 26.1441, 0.5858,  
0.3681

■ 24.6881, 0.5992,  
0.3624

# Harmonies

## Analogous

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



67.0247, 0.3519, 0.3286



67.0247, 0.3593, 0.3482



67.0247, 0.3536, 0.3638

# Triad

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



67.0247, 0.3593, 0.3482



67.0247, 0.2914, 0.3493



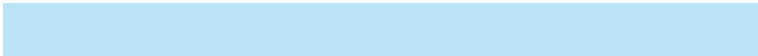
67.0247, 0.2880, 0.2900

# Complementary

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



67.0247, 0.3593, 0.3482



73.3228, 0.2751, 0.3089

# 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.



67.0247, 0.2730, 0.2938



67.0247, 0.3593, 0.3482



67.0247, 0.2749, 0.3275

# Square

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



67.0247, 0.3593, 0.3482



67.0247, 0.3139, 0.3654



67.0247, 0.2683, 0.3071



67.0247, 0.3101, 0.2959



# Rectangle

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



67.0247, 0.3593, 0.3482



67.0247, 0.3434, 0.3695



67.0247, 0.2683, 0.3071



67.0247, 0.2820, 0.2901

# Sweetspot

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



67.0278, 0.3593, 0.3482



91.1886, 0.3242, 0.3343



60.9733, 0.3292, 0.2857



19.3617, 0.3253, 0.3347



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

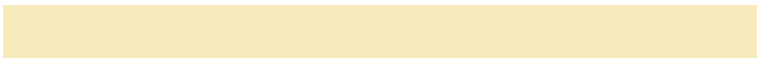
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0278, 0.3593, 0.3482



67.4217, 0.3709, 0.3522



82.7857, 0.3522, 0.3784



17.2929, 0.3286, 0.3362



13.2715, 0.5962, 0.3648

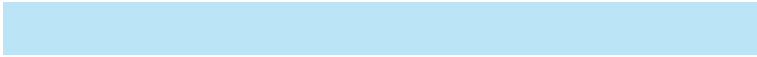


1.3388, 0.5718, 0.3842

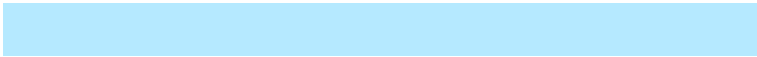


# Inverse Universe

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



73.3228, 0.2751, 0.3089



75.2224, 0.2680, 0.3045



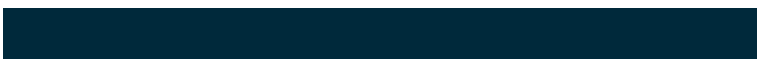
58.1274, 0.2722, 0.2742



17.8693, 0.2980, 0.3217



19.5974, 0.1967, 0.2281

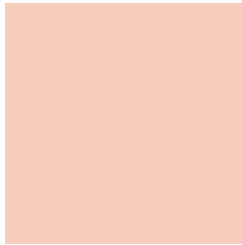


1.9018, 0.2006, 0.2422



# Previews

## White Background



This preview shows how the Yxy color 67.0247, 0.3593, 0.3482 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 67.0247, 0.3593, 0.3482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

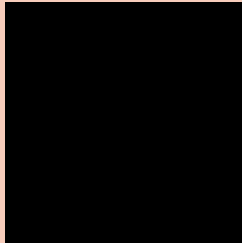
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 67.0247, 0.3593, 0.3482**

## **Background**



This preview shows how black text looks on a background with the Yxy color 67.0247, 0.3593, 0.3482.



This preview shows how white text looks on a background with the Yxy color 67.0247, 0.3593, 0.3482.

# 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

67.0247, 0.3593, 0.3482

### Protanopia

67.0381, 0.3357, 0.3537

### Deuteranopia

66.9636, 0.3566, 0.3494



## Tritanopia

67.0551, 0.3400, 0.3136

# Trichromacy



**Original Color**

67.0247, 0.3593, 0.3482

**Protanomaly**

66.9667, 0.3440, 0.3510

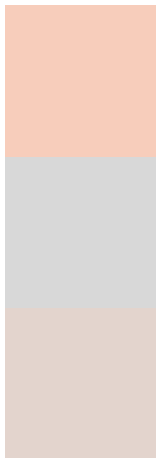
**Deuteranomaly**

67.1429, 0.3574, 0.3494

**Tritanomaly**

66.7886, 0.3475, 0.3260

# Monochromacy



**Original Color**

67.0247, 0.3593, 0.3482

**Achromatopsia**

68.6685, 0.3127, 0.3290

**Achromatomaly**

67.8256, 0.3289, 0.3367

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 67.0247, 0.3593, 0.3482 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(247, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 187)  
}
```

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(247, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 67.0247, 0.3593, 0.3482 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(247, 205, 187) }
```

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

```
.border{ border-color:rgb(247, 205, 187) }
```

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

Here you see how a box with a 4 pixel rgb(247, 205, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 205,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 67.0247, 0.3593, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 187) }
```

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

```
.background{ background-color: rgb(247,  
205, 187) }
```

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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