

Converting Colors

$Yxy(67.0596, 0.3757, 0.3583)$

Have a look what the booklet for
Yxy(67.0596, 0.3757, 0.3583)
contains.

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Color

Yxy(67.0670, 0.3757, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBAF
RGB	255, 203, 175
RGB Percent	100%, 80%, 69%
CMY	0.0001, 0.2038, 0.3138
CMYK	0.00, 0.20, 0.31, 0.00
HSL	21°, 100%, 84%
HSV	21°, 31%, 100%
XYZ	70.3240, 67.0670, 49.7902
YIQ	215.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

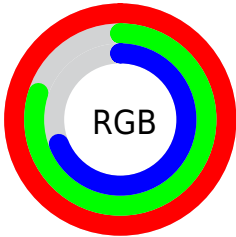
Format	Color
R _Y B	255, 218, 175
Decimal	16763823
CIE Lab	85.54, 14.57, 20.98
CIE LCh	86, 25.542, 55.230
Yxy	67.0670, 0.3757, 0.3583
Android (android.graphics.Color)	4294953903 (0xFFFFCBAF)
YUV	215.3560, -19.8955, 34.7678
Hunter-Lab	81.8944, 9.9653, 21.2790

Details

The Yxy color **67.0670, 0.3757, 0.3583** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.2344, 0.2639, 0.2975**, and the grayscale version is **68.3260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **34.7703, 0.3916, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **58.7514, 0.4030, 0.3679**, and if you desaturate by 10%, it is **76.4136, 0.3521, 0.3486**.

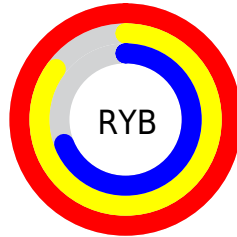
Distribution



Red (100%)

Green (80%)

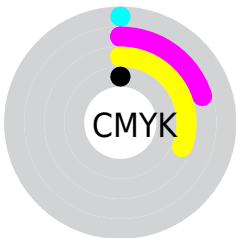
Blue (69%)



Red (100%)

Yellow (85%)

Blue (69%)

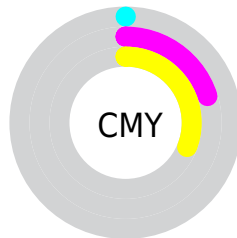


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0670, 0.3757, 0.3583 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 67.0670, 0.3757, 0.3583 by changing the saturation by 10% instead.


 67.0670, 0.3757,
0.3583

 67.0670, 0.3757,
0.3583


450.1832, 0.3459,
0.3453

 49.1391, 0.3826,
0.3611

 115.0164, 0.3652,
0.3539

 34.7298, 0.3912,
0.3644


145.8067, 0.3612,
0.3522

 23.4548, 0.4022,
0.3685


181.6532, 0.3578,
0.3507

 14.9297, 0.4167,
0.3734

222.9404, 0.3548,
0.3493

 8.7701, 0.4364,
0.3795

270.0525, 0.3521,
0.3482

 4.5915, 0.4646,
0.3866

323.3742, 0.3498,

 2.0096, 0.5176,

0.3471

0.4013

383.2896, 0.3477,
0.3462

0.6131, 0.6058,
0.3942

0.0000, 0.0000,
0.0000

67.0670, 0.3757,
0.3583

67.0670, 0.3757,
0.3583

58.7514, 0.4030,
0.3679

76.4136, 0.3521,
0.3486

51.4206, 0.4338,
0.3767

86.8165, 0.3320,
0.3391

45.0386, 0.4676,
0.3836

98.3120, 0.3148,
0.3302

39.5631, 0.5027,
0.3873

99.9938, 0.3127,
0.3290

■ 34.9484, 0.5366,
0.3867

■ 31.1434, 0.5661,
0.3809

■ 28.4588, 0.5866,
0.3724

Harmonies

Analogous

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



67.0670, 0.3688, 0.3325



67.0670, 0.3757, 0.3583



67.0670, 0.3647, 0.3782

Triad

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



67.0670, 0.3757, 0.3583



67.0670, 0.2792, 0.3516



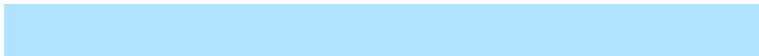
67.0670, 0.2840, 0.2776

Complementary

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



67.0670, 0.3757, 0.3583



71.2344, 0.2639, 0.2975

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.



67.0670, 0.2622, 0.2799



67.0670, 0.3757, 0.3583



67.0670, 0.2595, 0.3213

Square

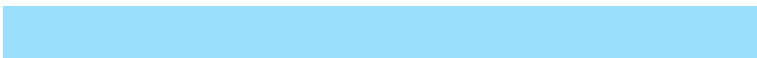
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0670, 0.3757, 0.3583



67.0670, 0.3084, 0.3760



67.0670, 0.2535, 0.2952



67.0670, 0.3145, 0.2875

Rectangle

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



67.0670, 0.3757, 0.3583



67.0670, 0.3493, 0.3849



67.0670, 0.2535, 0.2952



67.0670, 0.2755, 0.2769

Sweetspot

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



67.0701, 0.3757, 0.3583



89.4643, 0.3276, 0.3369



57.4546, 0.3387, 0.2763



18.8025, 0.3303, 0.3383



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.



67.0701, 0.3757, 0.3583



61.4583, 0.3934, 0.3647



88.4323, 0.3636, 0.3969



19.0283, 0.3286, 0.3374



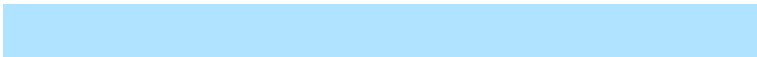
15.1266, 0.5837, 0.3748



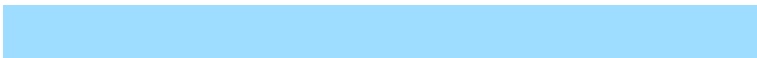
1.6686, 0.5619, 0.3920

Inverse Universe

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



71.2344, 0.2639, 0.2975



66.2325, 0.2539, 0.2897



51.8657, 0.2582, 0.2504



19.3470, 0.2980, 0.3205



18.2433, 0.1916, 0.2097



1.9815, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 67.0670, 0.3757, 0.3583 looks on a white background.

Color Contrast Check

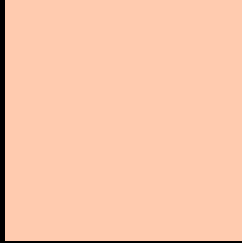
Large Text (above 18pt) WCAG AA × Fail

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 67.0670, 0.3757, 0.3583 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 67.0670, 0.3757, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 67.0670, 0.3757, 0.3583.



This preview shows how white text looks on a background with the Yxy color 67.0670, 0.3757, 0.3583.

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

67.0670, 0.3757, 0.3583

Protanopia

67.5572, 0.3458, 0.3670

Deuteranopia

67.1551, 0.3699, 0.3630



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

67.0670, 0.3757, 0.3583

Protanomaly

67.3121, 0.3569, 0.3639

Deuteranomaly

67.2279, 0.3726, 0.3617

Tritanomaly

66.6921, 0.3574, 0.3302

Monochromacy



Original Color

67.0670, 0.3757, 0.3583

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5817, 0.3349, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0670, 0.3757, 0.3583 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(255, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 175)  
}
```

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(255, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 175) }
```

Border

The CSS property to change the border of an element to Yxy 67.0670, 0.3757, 0.3583 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(255, 203, 175) }
```

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

```
.border{ border-color:rgb(255, 203, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 203, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 203, 175); box-shadow:4px 4px 4px 4px rgb(255, 203, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0670, 0.3757, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 175) }
```

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

```
.background{ background-color: rgb(255,  
203, 175) }
```

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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