

Converting Colors

$Y_{xy}(70.2940, 0.3959, 0.3566)$

Have a look what the booklet for
Yxy(70.2940, 0.3959, 0.3566)
contains.

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Color

Yxy(66.0504, 0.3780, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AD
RGB	255, 201, 173
RGB Percent	100%, 79%, 68%
CMY	0.0000, 0.2118, 0.3216
CMYK	0.00, 0.21, 0.32, 0.00
HSL	20°, 100%, 84%
HSV	20°, 32%, 100%
XYZ	69.6820, 66.0504, 48.6115
YIQ	213.9540, 41.1720, 2.7400

Conversions

Conversions Part 2

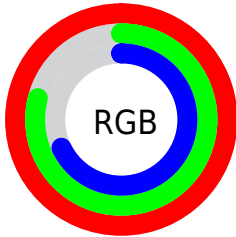
Format	Color
R_{YB}	255, 216, 173
Decimal	16763309
CIE Lab	85.02, 15.41, 21.32
CIE LCh	85, 26.303, 54.141
Yxy	66.0504, 0.3780, 0.3583
Android (android.graphics.Color)	4294953389 (0xFFFFC9AD)
YUV	213.9540, -20.1903, 35.9973
Hunter-Lab	81.2714, 10.8207, 21.4264

Details

The Yxy color **66.0504, 0.3780, 0.3583** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.0501, 0.2628, 0.2975**, and the grayscale version is **67.3243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **34.1182, 0.3937, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **57.7427, 0.4057, 0.3676**, and if you desaturate by 10%, it is **75.3915, 0.3540, 0.3488**.

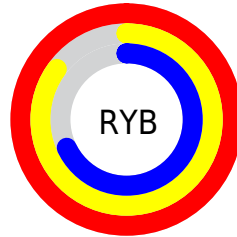
Distribution



Red (100%)

Green (79%)

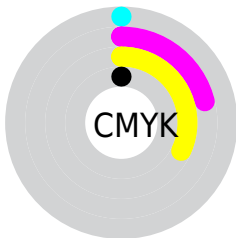
Blue (68%)



Red (100%)

Yellow (85%)

Blue (68%)

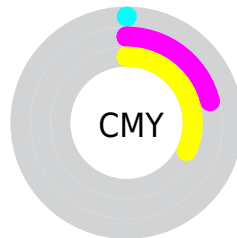


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0504, 0.3780, 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 66.0504, 0.3780, 0.3583 by changing the saturation by 10% instead.


 66.0504, 0.3780,
0.3583

 66.0504, 0.3780,
0.3583


446.5571, 0.3470,
0.3453

 48.3133, 0.3852,
0.3611


 113.5587, 0.3671,
0.3540

 34.0751, 0.3942,
0.3644


144.0986, 0.3629,
0.3522

 22.9513, 0.4057,
0.3684


179.6750, 0.3593,
0.3507

 14.5575, 0.4208,
0.3732

220.6722, 0.3562,
0.3494

 8.5095, 0.4414,
0.3791

267.4747, 0.3535,
0.3482

 4.4226, 0.4711,
0.3857

320.4667, 0.3511,

 1.9127, 0.5303,

0.3471

0.4023

380.0327, 0.3489,
0.3462

0.5560, 0.6197,
0.3803

0.0000, 0.0000,
0.0000

66.0504, 0.3780,
0.3583

66.0504, 0.3780,
0.3583

57.7427, 0.4057,
0.3676

75.3915, 0.3540,
0.3488

50.4472, 0.4372,
0.3760

85.8191, 0.3335,
0.3395

44.1176, 0.4715,
0.3825

97.3618, 0.3161,
0.3308

38.7101, 0.5070,
0.3858

100.0000, 0.3127,
0.3290

■ 34.1768, 0.5411,
0.3846

■ 30.4646, 0.5705,
0.3783

■ 28.0816, 0.5891,
0.3705

Harmonies

Analogous

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



66.0504, 0.3702, 0.3316



66.0504, 0.3780, 0.3583



66.0504, 0.3672, 0.3793

Triad

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



66.0504, 0.3780, 0.3583



66.0504, 0.2790, 0.3535



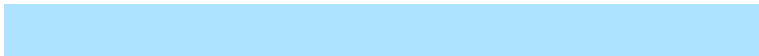
66.0504, 0.2820, 0.2757

Complementary

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



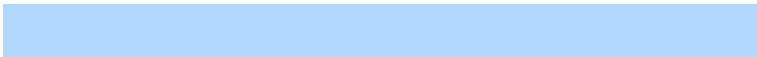
66.0504, 0.3780, 0.3583



71.0501, 0.2628, 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.



66.0504, 0.2599, 0.2786



66.0504, 0.3780, 0.3583



66.0504, 0.2582, 0.3221

Square

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



66.0504, 0.3780, 0.3583



66.0504, 0.3094, 0.3785



66.0504, 0.2515, 0.2948



66.0504, 0.3133, 0.2856

Rectangle

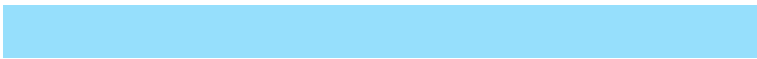
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0504, 0.3780, 0.3583



66.0504, 0.3515, 0.3867



66.0504, 0.2515, 0.2948



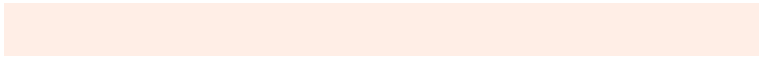
66.0504, 0.2733, 0.2752

Sweetspot

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



66.0448, 0.3780, 0.3583



88.2126, 0.3295, 0.3376



56.7307, 0.3384, 0.2737



18.5460, 0.3321, 0.3389



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.



66.0448, 0.3780, 0.3583



60.2525, 0.3966, 0.3647



87.3855, 0.3653, 0.3974



19.0004, 0.3286, 0.3372



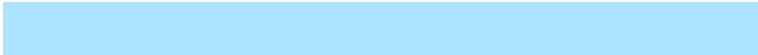
14.9209, 0.5861, 0.3728



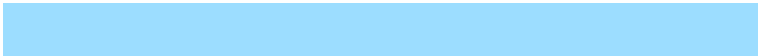
1.6462, 0.5642, 0.3902

Inverse Universe

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



71.0501, 0.2628, 0.2975



65.9864, 0.2526, 0.2896



51.5043, 0.2569, 0.2497



19.3761, 0.2980, 0.3207



18.6882, 0.1925, 0.2130



2.0227, 0.1966, 0.2278

Previews

White Background



This preview shows how the Yxy color 66.0504, 0.3780, 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 66.0504, 0.3780, 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 66.0504, 0.3780, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 66.0504, 0.3780, 0.3583.



This preview shows how white text looks on a background with the Yxy color 66.0504, 0.3780, 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

66.0504, 0.3780, 0.3583

Protanopia

66.1486, 0.3461, 0.3673

Deuteranopia

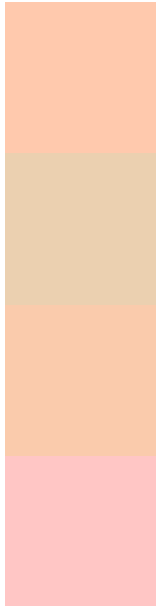
65.9384, 0.3713, 0.3632



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

66.0504, 0.3780, 0.3583

Protanomaly

65.9085, 0.3573, 0.3642

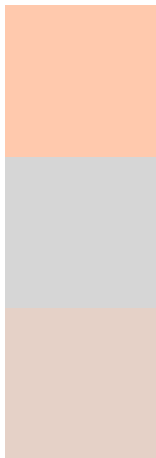
Deuteranomaly

66.0144, 0.3740, 0.3619

Tritanomaly

65.6794, 0.3595, 0.3302

Monochromacy



Original Color

66.0504, 0.3780, 0.3583

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3825, 0.3352, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0504, 0.3780, 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, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 173)  
}
```

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, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 173) }
```

Border

The CSS property to change the border of an element to Yxy 66.0504, 0.3780, 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, 201, 173) }
```

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

```
.border{ border-color:rgb(255, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0504, 0.3780, 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, 201, 173) }
```

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

```
.background{ background-color: rgb(255,  
201, 173) }
```

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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