

Converting Colors

$Yxy(65.9065, 0.3867, 0.3707)$

Have a look what the booklet for
Yxy(65.9065, 0.3867, 0.3707)
contains.

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Color

Yxy(66.1097, 0.3863, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAA2
RGB	255, 202, 162
RGB Percent	100%, 79%, 64%
CMY	0.0001, 0.2078, 0.3648
CMYK	0.00, 0.21, 0.36, 0.00
HSL	26°, 100%, 82%
HSV	26°, 36%, 100%
XYZ	68.8732, 66.1097, 43.3065
YIQ	213.2870, 44.4280, -1.2040

Conversions

Conversions Part 2

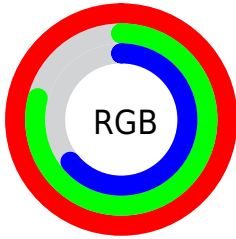
Format	Color
R_{YB}	255, 232, 162
Decimal	16763554
CIE _{Lab}	85.05, 13.53, 27.15
CIE _{LCh}	85, 30.329, 63.512
Yxy	66.1097, 0.3863, 0.3708
Android (android.graphics.Color)	4294953634 (0xFFFFCAA2)
YUV	213.2870, -25.2845, 36.5823
Hunter-Lab	81.3079, 8.9126, 25.3363

Details

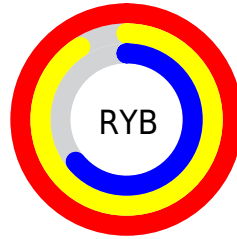
The Yxy color **66.1097, 0.3863, 0.3708** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.4684, 0.2549, 0.2827**, and the grayscale version is **66.8919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **34.1759, 0.4046, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **58.7989, 0.4133, 0.3822**, and if you desaturate by 10%, it is **74.2517, 0.3623, 0.3589**.

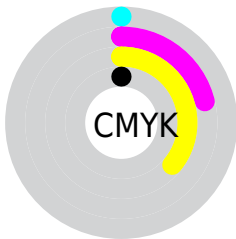
Distribution



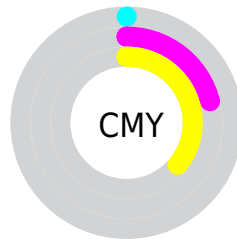
- Red (100%)
- Green (79%)
- Blue (64%)



- Red (100%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1097, 0.3863, 0.3708 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 66.1097, 0.3863, 0.3708 by changing the saturation by 10% instead.


 66.1097, 0.3863,
0.3708


 66.1097, 0.3863,
0.3708


446.7691, 0.3515,
0.3522

 48.3615, 0.3943,
0.3748


 113.6438, 0.3741,
0.3645

 34.1132, 0.4043,
0.3795


 144.1984, 0.3694,
0.3620

 22.9806, 0.4169,
0.3853


179.7906, 0.3654,
0.3599

 14.5792, 0.4333,
0.3922

220.8048, 0.3619,
0.3580

 8.5246, 0.4553,
0.4005

267.6253, 0.3588,
0.3563

 4.4324, 0.4857,
0.4097

320.6366, 0.3561,

 1.9183, 0.5592,

0.3548

0.4408

380.2231, 0.3537,
0.3534

0.5593, 0.6065,
0.3935

0.0000, 0.0000,
0.0000

66.1097, 0.3863,
0.3708

66.1097, 0.3863,
0.3708

58.7989, 0.4133,
0.3822

74.2517, 0.3623,
0.3589

52.2812, 0.4428,
0.3921

83.2427, 0.3413,
0.3472

46.5290, 0.4738,
0.3994

93.1116, 0.3231,
0.3359

41.5089, 0.5046,
0.4027

99.9945, 0.3127,
0.3290

■ 37.1841, 0.5330,
0.4010

■ 33.5127, 0.5567,
0.3936

■ 32.3569, 0.5642,
0.3902

Harmonies

Analogous

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



66.1097, 0.3842, 0.3413



66.1097, 0.3863, 0.3708



66.1097, 0.3676, 0.3918

Triad

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



66.1097, 0.3863, 0.3708



66.1097, 0.2650, 0.3460



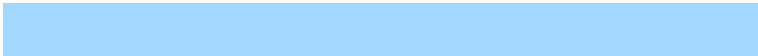
66.1097, 0.2877, 0.2703

Complementary

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



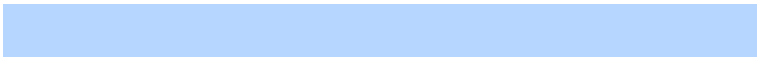
66.1097, 0.3863, 0.3708



63.4684, 0.2549, 0.2827

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.



66.1097, 0.2586, 0.2686



66.1097, 0.3863, 0.3708



66.1097, 0.2461, 0.3098

Square

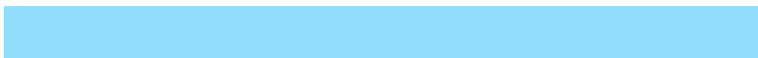
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1097, 0.3863, 0.3708



66.1097, 0.2970, 0.3791



66.1097, 0.2438, 0.2820



66.1097, 0.3254, 0.2855

Rectangle

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



66.1097, 0.3863, 0.3708



66.1097, 0.3467, 0.3969



66.1097, 0.2438, 0.2820



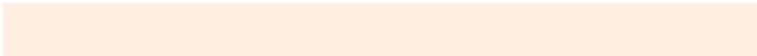
66.1097, 0.2767, 0.2681

Sweetspot

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



66.1128, 0.3863, 0.3708



88.5516, 0.3310, 0.3409



52.0606, 0.3498, 0.2736



18.6678, 0.3335, 0.3425



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.



66.1128, 0.3863, 0.3708



60.5444, 0.4064, 0.3795



90.5203, 0.3703, 0.4134



19.2731, 0.3283, 0.3393



17.1944, 0.5613, 0.3925



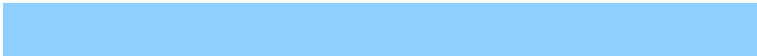
1.8861, 0.5414, 0.4084

Inverse Universe

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



63.4684, 0.2549, 0.2827



57.5199, 0.2432, 0.2712



43.5491, 0.2471, 0.2276



19.0950, 0.2979, 0.3185



14.6912, 0.1837, 0.1812



1.6476, 0.1888, 0.1996

Previews

White Background



This preview shows how the Yxy color 66.1097, 0.3863, 0.3708 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 66.1097, 0.3863, 0.3708 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 66.1097, 0.3863, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 66.1097, 0.3863, 0.3708.



This preview shows how white text looks on a background with the Yxy color 66.1097, 0.3863, 0.3708.

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

66.1097, 0.3863, 0.3708

Protanopia

66.2079, 0.3565, 0.3795

Deuteranopia

66.1184, 0.3815, 0.3735



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

66.1097, 0.3863, 0.3708

Protanomaly

65.8329, 0.3672, 0.3761

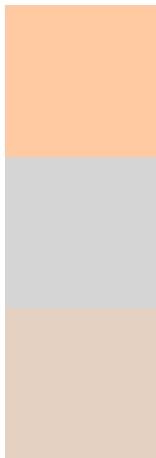
Deuteranomaly

66.0160, 0.3835, 0.3722

Tritanomaly

65.9571, 0.3625, 0.3354

Monochromacy



Original Color

66.1097, 0.3863, 0.3708

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9900, 0.3380, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1097, 0.3863, 0.3708 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, 202, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 162)  
}
```

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, 202, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.1097, 0.3863, 0.3708 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, 202, 162) }
```

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

```
.border{ border-color:rgb(255, 202, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1097, 0.3863, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 162) }
```

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

```
.background{ background-color: rgb(255,  
202, 162) }
```

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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