

Converting Colors

$Y_{xy}(74.0716, 0.4154, 0.3707)$

Have a look what the booklet for
Yxy(74.0716, 0.4154, 0.3707)
contains.

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Color

Yxy(66.9489, 0.3879, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC9F
RGB	255, 204, 159
RGB Percent	100%, 80%, 62%
CMY	0.0000, 0.2000, 0.3766
CMYK	0.00, 0.20, 0.38, 0.00
HSL	28°, 100%, 81%
HSV	28°, 38%, 100%
XYZ	69.0861, 66.9489, 42.0679
YIQ	214.1190, 44.8410, -3.1830

Conversions

Conversions Part 2

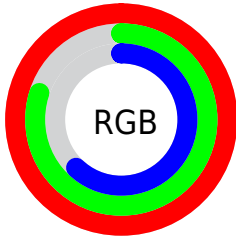
Format	Color
R _Y B	255, 244, 159
Decimal	16764063
CIE Lab	85.48, 12.15, 29.30
CIE LCh	85, 31.717, 67.468
Yxy	66.9489, 0.3879, 0.3759
Android (android.graphics.Color)	4294954143 (0xFFFFCC9F)
YUV	214.1190, -27.1737, 35.8526
Hunter-Lab	81.8223, 7.5263, 26.7924

Details

The Yxy color $66.9489, 0.3879, 0.3759$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $60.6553, 0.2524, 0.2764$, and the grayscale version is $67.4932, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6350, 0.3370, 0.3691$, and $34.7445, 0.4064, 0.3860$ is the 20% darker color. If you saturate the color by 10%, you get $59.9976, 0.4141, 0.3881$, and if you desaturate by 10%, it is $74.6485, 0.3642, 0.3631$.

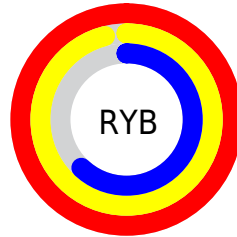
Distribution



Red (100%)

Green (80%)

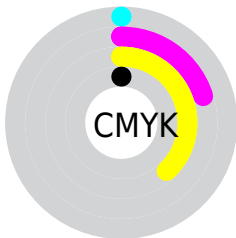
Blue (62%)



Red (100%)

Yellow (96%)

Blue (62%)

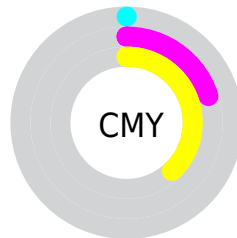


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9489, 0.3879, 0.3759 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 66.9489, 0.3879, 0.3759 by changing the saturation by 10% instead.


 66.9489, 0.3879,
0.3759


 66.9489, 0.3879,
0.3759

449.7629, 0.3525,
0.3550

 49.0431, 0.3960,
0.3804


 114.8472, 0.3756,
0.3689

 34.6537, 0.4060,
0.3857


 145.6085, 0.3708,
0.3661

 23.3962, 0.4187,
0.3922


181.4237, 0.3667,
0.3636

 14.8863, 0.4350,
0.4000

222.6773, 0.3631,
0.3615

 8.7397, 0.4566,
0.4094

269.7536, 0.3600,
0.3596

 4.5718, 0.4861,
0.4198

323.0370, 0.3572,

 1.9983, 0.5515,

0.3579

0.4485

382.9120, 0.3547,
0.3564

0.6065, 0.5902,
0.4098

0.0000, 0.0000,
0.0000

66.9489, 0.3879,
0.3759

66.9489, 0.3879,
0.3759

59.9976, 0.4141,
0.3881

74.6485, 0.3642,
0.3631

53.7597, 0.4424,
0.3987

83.1109, 0.3433,
0.3503

48.2110, 0.4718,
0.4065

92.3620, 0.3251,
0.3380

43.3219, 0.5004,
0.4102

99.9982, 0.3127,
0.3290

■ 39.0593, 0.5265,
0.4085

■ 35.3842, 0.5481,
0.4013

■ 34.5982, 0.5528,
0.3993

Harmonies

Analogous

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



66.9489, 0.3889, 0.3459



66.9489, 0.3879, 0.3759



66.9489, 0.3659, 0.3961

Triad

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



66.9489, 0.3879, 0.3759



66.9489, 0.2596, 0.3416



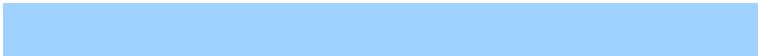
66.9489, 0.2915, 0.2694

Complementary

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



66.9489, 0.3879, 0.3759



60.6553, 0.2524, 0.2764

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.



66.9489, 0.2596, 0.2656



66.9489, 0.3879, 0.3759



66.9489, 0.2421, 0.3043

Square

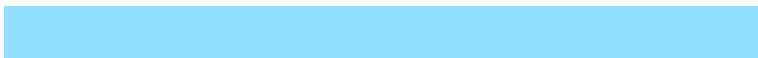
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.9489, 0.3879, 0.3759



66.9489, 0.2914, 0.3775



66.9489, 0.2422, 0.2773



66.9489, 0.3312, 0.2868

Rectangle

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



66.9489, 0.3879, 0.3759



66.9489, 0.3431, 0.3997



66.9489, 0.2422, 0.2773



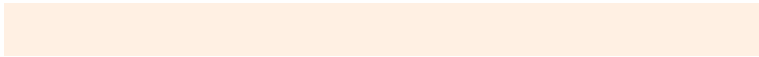
66.9489, 0.2796, 0.2665

Sweetspot

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



66.9521, 0.3879, 0.3759



89.1870, 0.3309, 0.3420



50.7066, 0.3559, 0.2764



18.8189, 0.3333, 0.3437



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.



66.9521, 0.3879, 0.3759



61.7791, 0.4069, 0.3850



93.2493, 0.3705, 0.4202



19.3920, 0.3283, 0.3402



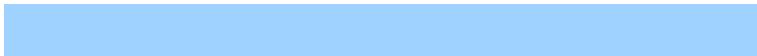
18.3728, 0.5501, 0.4014



2.0053, 0.5314, 0.4163

Inverse Universe

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



60.6553, 0.2524, 0.2764



54.6708, 0.2407, 0.2641



40.4884, 0.2438, 0.2179



18.9746, 0.2979, 0.3176



13.1846, 0.1800, 0.1678



1.5026, 0.1854, 0.1875

Previews

White Background



This preview shows how the Yxy color 66.9489, 0.3879, 0.3759 looks on a white background.

Color Contrast Check

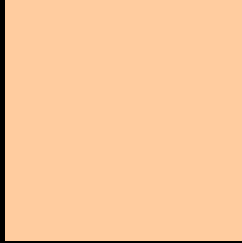
Large Text (above 18pt) WCAG AA × Fail

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 66.9489, 0.3879, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

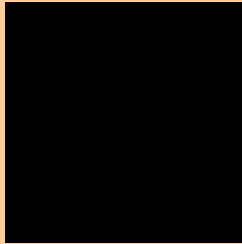
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9489, 0.3879, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 66.9489, 0.3879, 0.3759.



This preview shows how white text looks on a background with the Yxy color 66.9489, 0.3879, 0.3759.

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

66.9489, 0.3879, 0.3759

Protanopia

67.3955, 0.3604, 0.3858

Deuteranopia

67.0485, 0.3859, 0.3772



Tritanopia

66.8603, 0.3474, 0.3158

Trichromacy



Original Color

66.9489, 0.3879, 0.3759

Protanomaly

66.8790, 0.3696, 0.3813

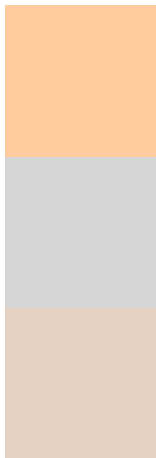
Deuteranomaly

67.2367, 0.3867, 0.3770

Tritanomaly

66.8835, 0.3620, 0.3374

Monochromacy



Original Color

66.9489, 0.3879, 0.3759

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.6462, 0.3387, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9489, 0.3879, 0.3759 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, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 159)  
}
```

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, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 159) }
```

Border

The CSS property to change the border of an element to Yxy 66.9489, 0.3879, 0.3759 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, 204, 159) }
```

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

```
.border{ border-color:rgb(255, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9489, 0.3879, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 159) }
```

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

```
.background{ background-color: rgb(255,  
204, 159) }
```

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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