

Converting Colors

$Y_{xy}(70.9657, 0.4038, 0.3758)$

Have a look what the booklet for
Yxy(70.9657, 0.4038, 0.3758)
contains.

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Color

Yxy(67.3570, 0.3890, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD9D
RGB	255, 205, 157
RGB Percent	100%, 80%, 62%
CMY	0.0001, 0.1960, 0.3843
CMYK	0.00, 0.20, 0.38, 0.00
HSL	29°, 100%, 81%
HSV	29°, 38%, 100%
XYZ	69.1525, 67.3570, 41.2604
YIQ	214.4780, 45.2080, -4.3280

Conversions

Conversions Part 2

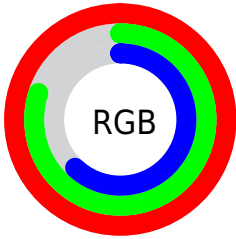
Format	Color
R _Y B	255, 251, 157
Decimal	16764317
CIE Lab	85.68, 11.41, 30.59
CIE LCh	86, 32.648, 69.542
Yxy	67.3570, 0.3890, 0.3789
Android (android.graphics.Color)	4294954397 (0xFFFFCD9D)
YUV	214.4780, -28.3367, 35.5378
Hunter-Lab	82.0713, 6.7775, 27.6426

Details

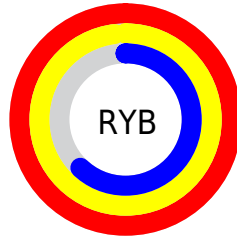
The Yxy color **67.3570, 0.3890, 0.3789** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0044, 0.2508, 0.2727**, and the grayscale version is **67.7576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **35.0235, 0.4078, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **60.6120, 0.4148, 0.3916**, and if you desaturate by 10%, it is **74.8073, 0.3655, 0.3655**.

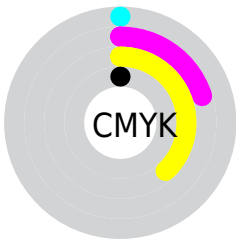
Distribution



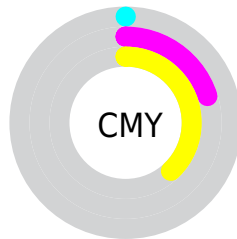
- Red (100%)
- Green (80%)
- Blue (62%)



- Red (100%)
- Yellow (98%)
- 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 67.3570, 0.3890, 0.3789 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 67.3570, 0.3890, 0.3789 by changing the saturation by 10% instead.


 67.3570, 0.3890,
0.3789


 67.3570, 0.3890,
0.3789


451.2145, 0.3532,
0.3566

 49.3748, 0.3972,
0.3837

 115.4318, 0.3766,
0.3714

 34.9169, 0.4073,
0.3894


 146.2932, 0.3717,
0.3684

 23.5989, 0.4199,
0.3962

182.2165, 0.3676,
0.3658

 15.0363, 0.4362,
0.4046

223.5860, 0.3639,
0.3635

 8.8449, 0.4577,
0.4145

270.7861, 0.3608,
0.3615

 4.6401, 0.4866,
0.4256

324.2013, 0.3579,

 2.0377, 0.5473,

0.3597

0.4527

384.2160, 0.3554,
0.3581

0.6292, 0.5823,
0.4177

0.0000, 0.0000,
0.0000

67.3570, 0.3890,
0.3789

67.3570, 0.3890,
0.3789

60.6120, 0.4148,
0.3916

74.8073, 0.3655,
0.3655

54.5389, 0.4425,
0.4025

82.9758, 0.3447,
0.3522

49.1151, 0.4708,
0.4105

91.8870, 0.3263,
0.3393

44.3127, 0.4983,
0.4142

99.9962, 0.3127,
0.3290

■ 40.1005, 0.5230,
0.4126

■ 36.4396, 0.5436,
0.4055

■ 35.9058, 0.5466,
0.4042

Harmonies

Analogous

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



67.3570, 0.3917, 0.3485



67.3570, 0.3890, 0.3789



67.3570, 0.3651, 0.3987

Triad

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



67.3570, 0.3890, 0.3789



67.3570, 0.2564, 0.3391



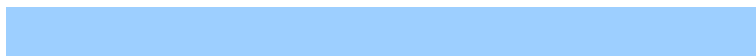
67.3570, 0.2935, 0.2688

Complementary

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



67.3570, 0.3890, 0.3789



59.0044, 0.2508, 0.2727

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.



67.3570, 0.2601, 0.2637



67.3570, 0.3890, 0.3789



67.3570, 0.2398, 0.3012

Square

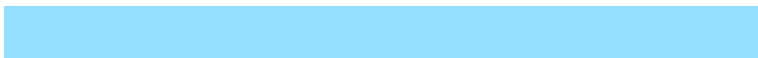
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3570, 0.3890, 0.3789



67.3570, 0.2882, 0.3767



67.3570, 0.2411, 0.2746



67.3570, 0.3345, 0.2874

Rectangle

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



67.3570, 0.3890, 0.3789



67.3570, 0.3411, 0.4016



67.3570, 0.2411, 0.2746



67.3570, 0.2811, 0.2654

Sweetspot

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



67.3602, 0.3890, 0.3789



88.6268, 0.3326, 0.3438



49.9108, 0.3587, 0.2770



18.7190, 0.3350, 0.3455



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.



67.3602, 0.3890, 0.3789



62.1939, 0.4084, 0.3886



94.1608, 0.3711, 0.4233



19.4566, 0.3282, 0.3407



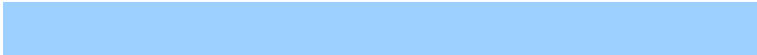
19.0619, 0.5440, 0.4063



2.0739, 0.5260, 0.4205

Inverse Universe

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



59.0044, 0.2508, 0.2727



52.7702, 0.2386, 0.2592



39.0633, 0.2418, 0.2133



18.9096, 0.2979, 0.3171



12.4230, 0.1780, 0.1607



1.4283, 0.1836, 0.1810

Previews

White Background



This preview shows how the Yxy color 67.3570, 0.3890, 0.3789 looks on a white background.

Color Contrast Check

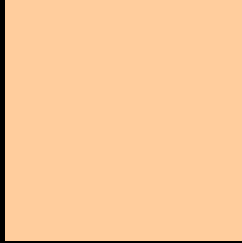
Large Text (above 18pt) WCAG AA × Fail

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 67.3570, 0.3890, 0.3789 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 67.3570, 0.3890, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 67.3570, 0.3890, 0.3789.



This preview shows how white text looks on a background with the Yxy color 67.3570, 0.3890, 0.3789.

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

67.3570, 0.3890, 0.3789

Protanopia

67.4893, 0.3627, 0.3878

Deuteranopia

67.6478, 0.3878, 0.3801



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.3570, 0.3890, 0.3789

Protanomaly

67.4773, 0.3716, 0.3844

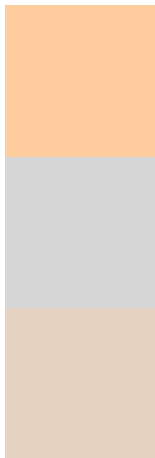
Deuteranomaly

67.6478, 0.3878, 0.3801

Tritanomaly

67.3513, 0.3617, 0.3385

Monochromacy



Original Color

67.3570, 0.3890, 0.3789

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0968, 0.3392, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3570, 0.3890, 0.3789 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, 205, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 157)  
}
```

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, 205, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 157) }
```

Border

The CSS property to change the border of an element to Yxy 67.3570, 0.3890, 0.3789 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, 205, 157) }
```

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

```
.border{ border-color:rgb(255, 205, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3570, 0.3890, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 157) }
```

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

```
.background{ background-color: rgb(255,  
205, 157) }
```

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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