

Converting Colors

$Y_{xy}(68.2196, 0.4039, 0.3959)$

Have a look what the booklet for
Yxy(68.2196, 0.4039, 0.3959)
contains.

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Color

Yxy(67.2961, 0.4013, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE8C
RGB	255, 206, 140
RGB Percent	100%, 81%, 55%
CMY	0.0000, 0.1921, 0.4510
CMYK	0.00, 0.19, 0.45, 0.00
HSL	34°, 100%, 77%
HSV	34°, 45%, 100%
XYZ	68.0421, 67.2961, 34.2161
YIQ	213.1270, 50.3900, -10.1380

Conversions

Conversions Part 2

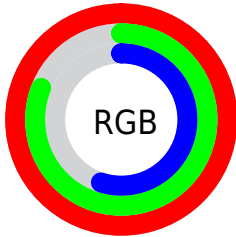
Format	Color
R _Y B	225, 255, 140
Decimal	16764556
CIE Lab	85.65, 9.12, 39.29
CIE LCh	86, 40.336, 76.928
Yxy	67.2961, 0.4013, 0.3969
Android (android.graphics.Color)	4294954636 (0xFFFFCE8C)
YUV	213.1270, -36.0516, 36.7226
Hunter-Lab	82.0342, 4.4945, 32.6944

Details

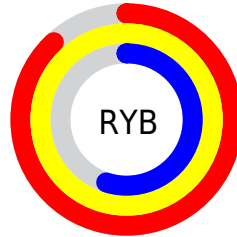
The Yxy color **67.2961, 0.4013, 0.3969** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.1838, 0.2378, 0.2486**, and the grayscale version is **66.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **34.9135, 0.4211, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **61.5815, 0.4256, 0.4105**, and if you desaturate by 10%, it is **73.5528, 0.3783, 0.3819**.

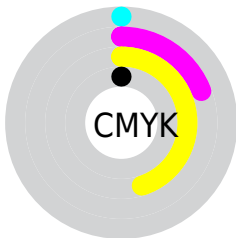
Distribution



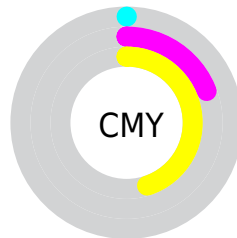
- Red (100%)
- Green (81%)
- Blue (55%)



- Red (88%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2961, 0.4013, 0.3969 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 67.2961, 0.4013, 0.3969 by changing the saturation by 10% instead.

 67.2961, 0.4013,
0.3969


 67.2961, 0.4013,
0.3969


450.9980, 0.3602,
0.3667


 49.3253, 0.4105,
0.4033


 115.3446, 0.3872,
0.3868

 34.8776, 0.4216,
0.4108


 146.1911, 0.3816,
0.3827

 23.5686, 0.4353,
0.4197


 182.0982, 0.3768,
0.3792

 15.0139, 0.4525,
0.4302

223.4505, 0.3726,
0.3761

 8.8292, 0.4740,
0.4421

270.6322, 0.3690,
0.3733

 4.6299, 0.5065,
0.4593


324.0277, 0.3657,

 2.0318, 0.5358,


0.3709


0.4642


384.0215, 0.3628,
0.3687


 0.6259, 0.5664,
0.4336


 0.0000, 0.0000,
0.0000


 67.2961, 0.4013,
0.3969


 67.2961, 0.4013,
0.3969


 61.5815, 0.4256,
0.4105


 73.5528, 0.3783,
0.3819


 56.3799, 0.4503,
0.4214

 80.3601, 0.3570,
0.3664

 51.6733, 0.4741,
0.4285

 87.7381, 0.3378,
0.3510

 47.4379, 0.4957,
0.4306

 95.7029, 0.3207,
0.3362

■ 43.6459, 0.5138,
0.4273

99.9978, 0.3127,
0.3290

■ 41.9309, 0.5216,
0.4241

Harmonies

Analogous

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



67.2961, 0.4123, 0.3613



67.2961, 0.4013, 0.3969



67.2961, 0.3662, 0.4180

Triad

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



67.2961, 0.4013, 0.3969



67.2961, 0.2368, 0.3286



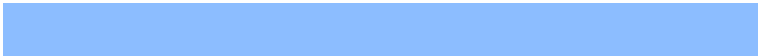
67.2961, 0.3007, 0.2602

Complementary

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



67.2961, 0.4013, 0.3969



49.1838, 0.2378, 0.2486

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.



67.2961, 0.2568, 0.2496



67.2961, 0.4013, 0.3969



67.2961, 0.2224, 0.2843

Square

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



67.2961, 0.4013, 0.3969



67.2961, 0.2711, 0.3781



67.2961, 0.2294, 0.2571



67.2961, 0.3516, 0.2859

Rectangle

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



67.2961, 0.4013, 0.3969



67.2961, 0.3349, 0.4179



67.2961, 0.2294, 0.2571



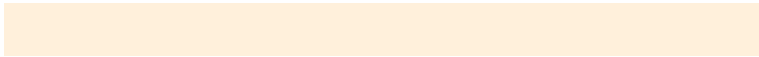
67.2961, 0.2847, 0.2548

Sweetspot

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



67.2993, 0.4013, 0.3969



88.5888, 0.3358, 0.3493



43.7264, 0.3802, 0.2776



18.6074, 0.3398, 0.3526



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.



67.2993, 0.4013, 0.3969



62.1872, 0.4229, 0.4091



93.2392, 0.3745, 0.4422



19.7186, 0.3280, 0.3426



22.2143, 0.5194, 0.4258



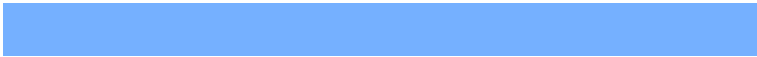
2.3797, 0.5049, 0.4373

Inverse Universe

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



49.1838, 0.2378, 0.2486



42.0557, 0.2230, 0.2291



32.2429, 0.2321, 0.1890



18.6498, 0.2979, 0.3150



9.7268, 0.1705, 0.1336



1.1583, 0.1766, 0.1557

Previews

White Background



This preview shows how the Yxy color 67.2961, 0.4013, 0.3969 looks on a white background.

Color Contrast Check

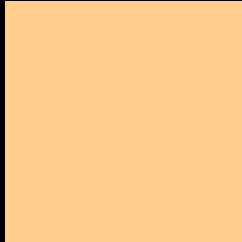
Large Text (above 18pt) WCAG AA × Fail

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 67.2961, 0.4013, 0.3969 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 67.2961, 0.4013, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 67.2961, 0.4013, 0.3969.



This preview shows how white text looks on a background with the Yxy color 67.2961, 0.4013, 0.3969.

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

67.2961, 0.4013, 0.3969

Protanopia

67.2321, 0.3770, 0.4070

Deuteranopia

67.5092, 0.3962, 0.3900



Tritanopia

67.3220, 0.3472, 0.3168

Trichromacy



Original Color

67.2961, 0.4013, 0.3969

Protanomaly

67.0668, 0.3854, 0.4032

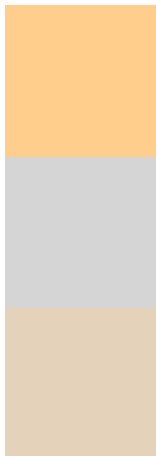
Deuteranomaly

67.4162, 0.3984, 0.3930

Tritanomaly

67.0462, 0.3673, 0.3458

Monochromacy



Original Color

67.2961, 0.4013, 0.3969

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1323, 0.3438, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2961, 0.4013, 0.3969 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, 206, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 140)  
}
```

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, 206, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 140) }
```

Border

The CSS property to change the border of an element to Yxy 67.2961, 0.4013, 0.3969 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, 206, 140) }
```

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

```
.border{ border-color:rgb(255, 206, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2961, 0.4013, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 140) }
```

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

```
.background{ background-color: rgb(255,  
206, 140) }
```

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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