

Converting Colors

$Yxy(92.9721, 0.4608, 0.3588)$

Have a look what the booklet for
Yxy(92.9721, 0.4608, 0.3588)
contains.

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Color

Yxy(67.1261, 0.3840, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCA4
RGB	255, 204, 164
RGB Percent	100%, 80%, 64%
CMY	0.0000, 0.2000, 0.3568
CMYK	0.00, 0.20, 0.36, 0.00
HSL	26°, 100%, 82%
HSV	26°, 36%, 100%
XYZ	69.5345, 67.1261, 44.4188
YIQ	214.6890, 43.2360, -1.6280

Conversions

Conversions Part 2

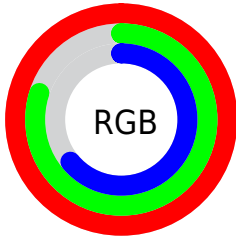
Format	Color
R _Y B	255, 235, 164
Decimal	16764068
CIE Lab	85.57, 12.74, 26.79
CIE LCh	86, 29.660, 64.565
Yxy	67.1261, 0.3840, 0.3707
Android (android.graphics.Color)	4294954148 (0xFFFFCCA4)
YUV	214.6890, -24.9897, 35.3527
Hunter-Lab	81.9305, 8.1146, 25.2072

Details

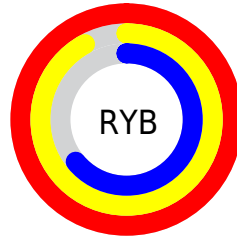
The Yxy color **67.1261, 0.3840, 0.3707** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.7180, 0.2560, 0.2829**, and the grayscale version is **67.8864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **34.8529, 0.4014, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **59.8131, 0.4105, 0.3824**, and if you desaturate by 10%, it is **75.2535, 0.3604, 0.3586**.

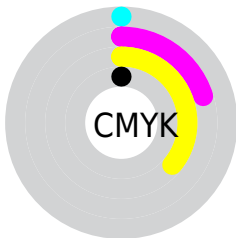
Distribution



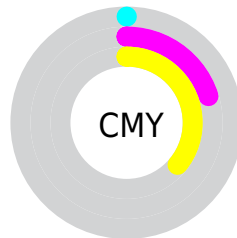
- Red (100%)
- Green (80%)
- Blue (64%)



- Red (100%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1261, 0.3840, 0.3707 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 67.1261, 0.3840, 0.3707 by changing the saturation by 10% instead.


 67.1261, 0.3840,
0.3707


 67.1261, 0.3840,
0.3707


450.3935, 0.3504,
0.3521

 49.1871, 0.3917,
0.3747


 115.1011, 0.3723,
0.3644

 34.7679, 0.4013,
0.3795


 145.9059, 0.3677,
0.3619

 23.4842, 0.4134,
0.3853


181.7680, 0.3638,
0.3598

 14.9514, 0.4292,
0.3923

223.0720, 0.3604,
0.3579

 8.7853, 0.4503,
0.4008

270.2021, 0.3575,
0.3562

 4.6014, 0.4796,
0.4106

323.5428, 0.3548,

 2.0153, 0.5537,

0.3547

0.4454

383.4785, 0.3525,
0.3533

0.6164, 0.5930,
0.4070

0.0000, 0.0000,
0.0000

67.1261, 0.3840,
0.3707

67.1261, 0.3840,
0.3707

59.8131, 0.4105,
0.3824

75.2535, 0.3604,
0.3586

53.2773, 0.4395,
0.3927

84.2122, 0.3397,
0.3466

47.4921, 0.4701,
0.4005

94.0301, 0.3218,
0.3352

42.4255, 0.5005,
0.4043

100.0000, 0.3127,
0.3290

■ 38.0421, 0.5288,
0.4032

■ 34.3016, 0.5525,
0.3964

■ 32.8670, 0.5615,
0.3923

Harmonies

Analogous

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



67.1261, 0.3827, 0.3421



67.1261, 0.3840, 0.3707



67.1261, 0.3653, 0.3906

Triad

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



67.1261, 0.3840, 0.3707



67.1261, 0.2654, 0.3443



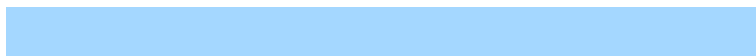
67.1261, 0.2896, 0.2721

Complementary

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



67.1261, 0.3840, 0.3707



63.7180, 0.2560, 0.2829

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.



67.1261, 0.2607, 0.2699



67.1261, 0.3840, 0.3707



67.1261, 0.2474, 0.3092

Square

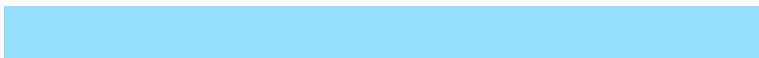
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1261, 0.3840, 0.3707



67.1261, 0.2963, 0.3767



67.1261, 0.2458, 0.2826



67.1261, 0.3264, 0.2874

Rectangle

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



67.1261, 0.3840, 0.3707



67.1261, 0.3446, 0.3950



67.1261, 0.2458, 0.2826



67.1261, 0.2787, 0.2698

Sweetspot

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



67.1293, 0.3840, 0.3707



88.7000, 0.3310, 0.3412



52.7511, 0.3501, 0.2763



18.7031, 0.3335, 0.3428



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.



67.1293, 0.3840, 0.3707



61.6971, 0.4031, 0.3793



91.6514, 0.3685, 0.4129



19.3009, 0.3283, 0.3395



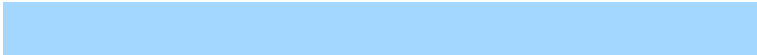
17.4593, 0.5587, 0.3946



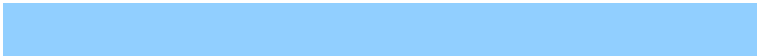
1.9131, 0.5390, 0.4102

Inverse Universe

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



63.7180, 0.2560, 0.2829



57.8021, 0.2445, 0.2715



43.8926, 0.2484, 0.2284



19.0668, 0.2979, 0.3183



14.3269, 0.1828, 0.1781



1.6127, 0.1880, 0.1967

Previews

White Background



This preview shows how the Yxy color 67.1261, 0.3840, 0.3707 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 67.1261, 0.3840, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

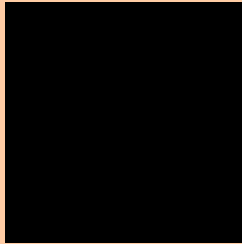
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1261, 0.3840, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 67.1261, 0.3840, 0.3707.



This preview shows how white text looks on a background with the Yxy color 67.1261, 0.3840, 0.3707.

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

67.1261, 0.3840, 0.3707

Protanopia

67.4143, 0.3560, 0.3803

Deuteranopia

67.0384, 0.3812, 0.3721



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

67.1261, 0.3840, 0.3707

Protanomaly

67.0604, 0.3659, 0.3759

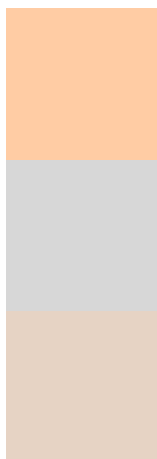
Deuteranomaly

67.2256, 0.3820, 0.3720

Tritanomaly

66.9734, 0.3604, 0.3353

Monochromacy



Original Color

67.1261, 0.3840, 0.3707

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3970, 0.3378, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1261, 0.3840, 0.3707 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 164) }
```

Border

The CSS property to change the border of an element to Yxy 67.1261, 0.3840, 0.3707 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, 164) }
```

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

```
.border{ border-color:rgb(255, 204, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1261, 0.3840, 0.3707 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
204, 164) }
```

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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