

Converting Colors

$Yxy(70.7243, 0.4148, 0.4028)$

Have a look what the booklet for
Yxy(70.7243, 0.4148, 0.4028)
contains.

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Color

Yxy(68.5544, 0.4048, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	FFD185
RGB	255, 209, 133
RGB Percent	100%, 82%, 52%
CMY	0.0001, 0.1803, 0.4784
CMYK	0.00, 0.18, 0.48, 0.00
HSL	37°, 100%, 76%
HSV	37°, 48%, 100%
XYZ	68.2677, 68.5544, 31.8234
YIQ	214.0900, 51.8120, -13.8840

Conversions

Conversions Part 2

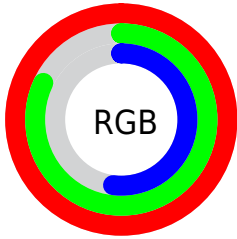
Format	Color
R _Y B	207, 255, 133
Decimal	16765317
CIE Lab	86.28, 6.90, 43.62
CIE LCh	86, 44.166, 81.008
Yxy	68.5544, 0.4048, 0.4065
Android (android.graphics.Color)	4294955397 (0xFFFFD185)
YUV	214.0900, -39.9774, 35.8781
Hunter-Lab	82.7976, 2.2798, 35.1701

Details

The Yxy color **68.5544, 0.4048, 0.4065** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.4293, 0.2318, 0.2349**, and the grayscale version is **67.5577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **35.7876, 0.4247, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **63.3627, 0.4276, 0.4205**, and if you desaturate by 10%, it is **74.2080, 0.3826, 0.3907**.

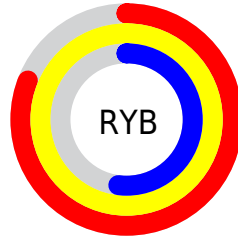
Distribution



Red (100%)

Green (82%)

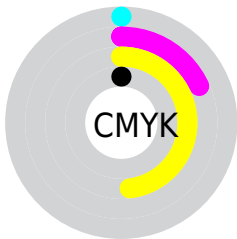
Blue (52%)



Red (81%)

Yellow (100%)

Blue (52%)

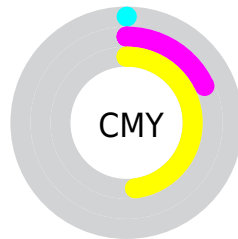


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5544, 0.4048, 0.4065 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 68.5544, 0.4048, 0.4065 by changing the saturation by 10% instead.

 68.5544, 0.4048,
0.4065

 68.5544, 0.4048,
0.4065


455.4578, 0.3626,
0.3721

 50.3489, 0.4140,
0.4137


 117.1449, 0.3904,
0.3950

 35.6907, 0.4252,
0.4222


 148.2987, 0.3847,
0.3904

 24.1954, 0.4387,
0.4321


 184.5374, 0.3798,
0.3864

 15.4786, 0.4551,
0.4437

226.2453, 0.3755,
0.3828

 9.1560, 0.4751,
0.4566

273.8069, 0.3717,
0.3797

 4.8431, 0.5091,
0.4791

327.6066, 0.3683,

 2.1555, 0.5236,

0.3769

0.4764

388.0288, 0.3653,
0.3744

0.6956, 0.5439,
0.4561

0.0000, 0.0000,
0.0000

68.5544, 0.4048,
0.4065

68.5544, 0.4048,
0.4065

63.3627, 0.4276,
0.4205

74.2080, 0.3826,
0.3907

58.6055, 0.4501,
0.4315

80.3299, 0.3617,
0.3740

54.2666, 0.4711,
0.4384

86.9384, 0.3425,
0.3573

50.3241, 0.4894,
0.4401

94.0477, 0.3251,
0.3411

■ 46.7497, 0.5043,
0.4366

99.9956, 0.3127,
0.3290

■ 46.0180, 0.5073,
0.4354

Harmonies

Analogous

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



68.5544, 0.4212, 0.3689



68.5544, 0.4048, 0.4065



68.5544, 0.3637, 0.4271

Triad

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



68.5544, 0.4048, 0.4065



68.5544, 0.2271, 0.3208



68.5544, 0.3068, 0.2578

Complementary

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



68.5544, 0.4048, 0.4065



44.4293, 0.2318, 0.2349

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.



68.5544, 0.2576, 0.2438



68.5544, 0.4048, 0.4065



68.5544, 0.2149, 0.2749

Square

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



68.5544, 0.4048, 0.4065



68.5544, 0.2613, 0.3758



68.5544, 0.2255, 0.2488



68.5544, 0.3622, 0.2871

Rectangle

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



68.5544, 0.4048, 0.4065



68.5544, 0.3290, 0.4245



68.5544, 0.2255, 0.2488



68.5544, 0.2890, 0.2512

Sweetspot

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



68.5577, 0.4048, 0.4065



89.6260, 0.3356, 0.3510



41.3159, 0.3931, 0.2808



18.8605, 0.3394, 0.3546



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.



68.5577, 0.4048, 0.4065



63.7943, 0.4257, 0.4194



91.8548, 0.3735, 0.4504



19.8731, 0.3279, 0.3438



24.3470, 0.5054, 0.4369



2.5810, 0.4930, 0.4468

Inverse Universe

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



44.4293, 0.2318, 0.2349



37.2133, 0.2162, 0.2129



30.2177, 0.2304, 0.1808



18.4992, 0.2979, 0.3138



8.4155, 0.1665, 0.1192



1.0215, 0.1727, 0.1416

Previews

White Background



This preview shows how the Yxy color 68.5544, 0.4048, 0.4065 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 68.5544, 0.4048, 0.4065 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 68.5544, 0.4048, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 68.5544, 0.4048, 0.4065.



This preview shows how white text looks on a background with the Yxy color 68.5544, 0.4048, 0.4065.

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

68.5544, 0.4048, 0.4065

Protanopia

68.7222, 0.3842, 0.4152

Deuteranopia

68.5738, 0.3931, 0.3889



Tritanopia

68.4074, 0.3445, 0.3158

Trichromacy



Original Color

68.5544, 0.4048, 0.4065

Protanomaly

68.3925, 0.3918, 0.4115

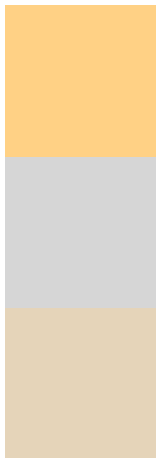
Deuteranomaly

68.3854, 0.3975, 0.3949

Tritanomaly

68.4254, 0.3673, 0.3499

Monochromacy



Original Color

68.5544, 0.4048, 0.4065

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2478, 0.3449, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5544, 0.4048, 0.4065 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, 209, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 133)  
}
```

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, 209, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 133) }
```

Border

The CSS property to change the border of an element to Yxy 68.5544, 0.4048, 0.4065 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, 209, 133) }
```

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

```
.border{ border-color:rgb(255, 209, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5544, 0.4048, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 133) }
```

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

```
.background{ background-color: rgb(255,  
209, 133) }
```

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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