

Converting Colors

$Y_{xy}(65.3585, 0.4119, 0.4056)$

Have a look what the booklet for
Yxy(65.3585, 0.4119, 0.4056)
contains.

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Color

Yxy(65.5304, 0.4115, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB80
RGB	255, 203, 128
RGB Percent	100%, 80%, 50%
CMY	0.0000, 0.2039, 0.4979
CMYK	0.00, 0.20, 0.50, 0.00
HSL	35°, 100%, 75%
HSV	35°, 50%, 100%
XYZ	66.5000, 65.5304, 29.5735
YIQ	209.9980, 55.0670, -12.3010

Conversions

Conversions Part 2

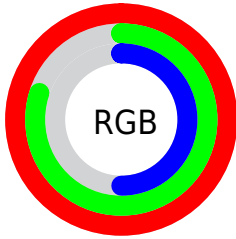
Format	Color
R_{YB}	216, 255, 128
Decimal	16763776
CIE _{Lab}	84.76, 9.58, 44.20
CIE _{LCh}	85, 45.223, 77.764
Yxy	65.5304, 0.4115, 0.4055
Android (android.graphics.Color)	4294953856 (0xFFFFCB80)
YUV	209.9980, -40.4250, 39.4668
Hunter-Lab	80.9508, 4.9713, 35.0054

Details

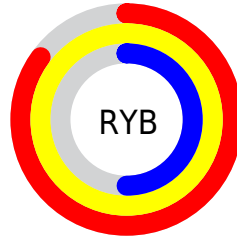
The Yxy color **65.5304, 0.4115, 0.4055** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.4653, 0.2294, 0.2357**, and the grayscale version is **64.6900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **33.7665, 0.4339, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **60.1718, 0.4355, 0.4184**, and if you desaturate by 10%, it is **71.3872, 0.3882, 0.3907**.

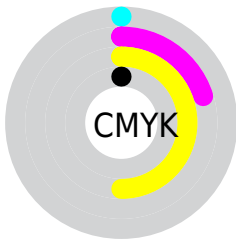
Distribution



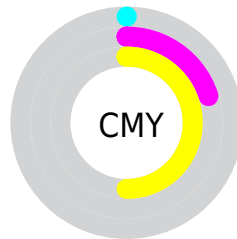
- Red (100%)
- Green (80%)
- Blue (50%)



- Red (85%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5304, 0.4115, 0.4055 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 65.5304, 0.4115, 0.4055 by changing the saturation by 10% instead.


 65.5304, 0.4115,
0.4055

 65.5304, 0.4115,
0.4055

444.6956, 0.3658,
0.3717


 47.8913, 0.4216,
0.4125


 112.8121, 0.3959,
0.3943

 33.7408, 0.4337,
0.4206


 143.2234, 0.3897,
0.3898

 22.6946, 0.4485,
0.4300


 178.6610, 0.3844,
0.3858

 14.3681, 0.4666,
0.4407

219.5091, 0.3797,
0.3823

 8.3771, 0.4885,
0.4519

266.1522, 0.3756,
0.3792

 4.3372, 0.5271,
0.4729


318.9748, 0.3720,

 1.8639, 0.5396,

0.3764

0.4604


378.3611, 0.3687,
0.3739

 0.5266, 0.5824,
0.4176


 0.0000, 0.0000,
0.0000


 65.5304, 0.4115,
0.4055


 65.5304, 0.4115,
0.4055

 60.1718, 0.4355,
0.4184


 71.3872, 0.3882,
0.3907


 55.2963, 0.4592,
0.4280

 77.7643, 0.3664,
0.3749

 50.8811, 0.4814,
0.4332

 84.6770, 0.3464,
0.3590

 46.9015, 0.5006,
0.4331

 92.1409, 0.3284,
0.3435

■ 43.3225, 0.5164, 100.0000, 0.3127,
0.4280 0.3290

■ 43.2524, 0.5168,
0.4279

Harmonies

Analogous

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



65.5304, 0.4254, 0.3653



65.5304, 0.4115, 0.4055



65.5304, 0.3709, 0.4299

Triad

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



65.5304, 0.4115, 0.4055



65.5304, 0.2268, 0.3263



65.5304, 0.3004, 0.2529

Complementary

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



65.5304, 0.4115, 0.4055



44.4653, 0.2294, 0.2357

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.



65.5304, 0.2510, 0.2404



65.5304, 0.4115, 0.4055



65.5304, 0.2117, 0.2768

Square

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



65.5304, 0.4115, 0.4055



65.5304, 0.2642, 0.3836



65.5304, 0.2201, 0.2476



65.5304, 0.3580, 0.2817

Rectangle

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



65.5304, 0.4115, 0.4055



65.5304, 0.3354, 0.4300



65.5304, 0.2201, 0.2476



65.5304, 0.2823, 0.2467

Sweetspot

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



65.5290, 0.4115, 0.4055



88.1857, 0.3376, 0.3515



40.0382, 0.3932, 0.2748



18.5418, 0.3414, 0.3547



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.



65.5290, 0.4115, 0.4055



60.0667, 0.4360, 0.4186



92.3873, 0.3786, 0.4536



19.7700, 0.3279, 0.3430



22.9015, 0.5147, 0.4295



2.4450, 0.5008, 0.4405

Inverse Universe

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



44.4653, 0.2294, 0.2357



36.8336, 0.2128, 0.2123



28.1199, 0.2236, 0.1729



18.5995, 0.2979, 0.3146



9.2682, 0.1691, 0.1287



1.1110, 0.1753, 0.1509

Previews

White Background



This preview shows how the Yxy color 65.5304, 0.4115, 0.4055 looks on a white background.

Color Contrast Check

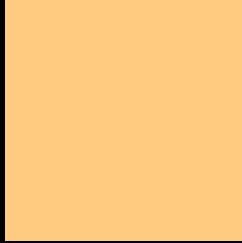
Large Text (above 18pt) WCAG AA × Fail

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 65.5304, 0.4115, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

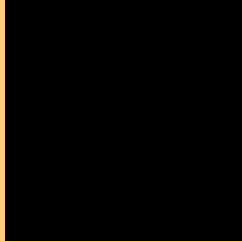
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5304, 0.4115, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 65.5304, 0.4115, 0.4055.



This preview shows how white text looks on a background with the Yxy color 65.5304, 0.4115, 0.4055.

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

65.5304, 0.4115, 0.4055

Protanopia

65.7146, 0.3853, 0.4178

Deuteranopia

65.6653, 0.4079, 0.4008



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.5304, 0.4115, 0.4055

Protanomaly

65.7379, 0.3947, 0.4134

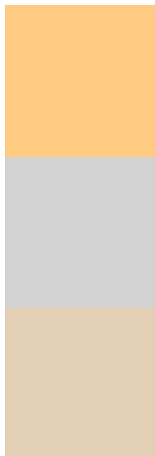
Deuteranomaly

65.6106, 0.4093, 0.4027

Tritanomaly

65.4021, 0.3730, 0.3490

Monochromacy



Original Color

65.5304, 0.4115, 0.4055

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0897, 0.3473, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5304, 0.4115, 0.4055 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, 203, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 128)  
}
```

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, 203, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 128) }
```

Border

The CSS property to change the border of an element to Yxy 65.5304, 0.4115, 0.4055 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, 203, 128) }
```

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

```
.border{ border-color:rgb(255, 203, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5304, 0.4115, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 128) }
```

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

```
.background{ background-color: rgb(255,  
203, 128) }
```

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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