

Converting Colors

$Yxy(72.8836, 0.4383, 0.3955)$

Have a look what the booklet for
Yxy(72.8836, 0.4383, 0.3955)
contains.

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Color

Yxy(65.5569, 0.4108, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB81
RGB	255, 203, 129
RGB Percent	100%, 80%, 51%
CMY	0.0000, 0.2039, 0.4942
CMYK	0.00, 0.20, 0.49, 0.00
HSL	35°, 100%, 75%
HSV	35°, 49%, 100%
XYZ	66.5615, 65.5569, 29.9105
YIQ	210.1120, 54.7460, -11.9900

Conversions

Conversions Part 2

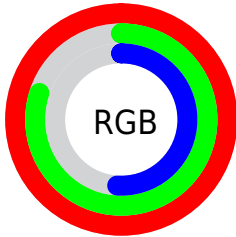
Format	Color
R_{YB}	218, 255, 129
Decimal	16763777
CIE _{Lab}	84.77, 9.66, 43.73
CIE _{LCh}	85, 44.784, 77.540
Yxy	65.5569, 0.4108, 0.4046
Android (android.graphics.Color)	4294953857 (0xFFFFCB81)
YUV	210.1120, -39.9882, 39.3668
Hunter-Lab	80.9672, 5.0485, 34.7744

Details

The Yxy color **65.5569, 0.4108, 0.4046** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.9297, 0.2302, 0.2371**, and the grayscale version is **64.7662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **33.7807, 0.4331, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **60.1593, 0.4349, 0.4175**, and if you desaturate by 10%, it is **71.4624, 0.3875, 0.3898**.

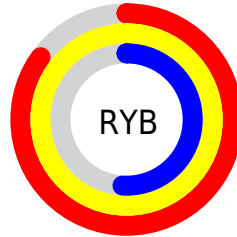
Distribution



Red (100%)

Green (80%)

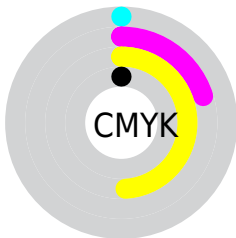
Blue (51%)



Red (85%)

Yellow (100%)

Blue (51%)

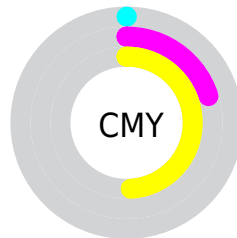


Cyan (0%)

Magenta (20%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5569, 0.4108, 0.4046 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 65.5569, 0.4108, 0.4046 by changing the saturation by 10% instead.

 65.5569, 0.4108,
0.4046


 65.5569, 0.4108,
0.4046


444.7905, 0.3654,
0.3712

 47.9128, 0.4208,
0.4115

 112.8501, 0.3952,
0.3935

 33.7578, 0.4329,
0.4196


 143.2680, 0.3891,
0.3890

 22.7076, 0.4477,
0.4289


 178.7127, 0.3838,
0.3851

 14.3778, 0.4658,
0.4396

219.5684, 0.3792,
0.3817

 8.3839, 0.4877,
0.4508

266.2197, 0.3751,
0.3786

 4.3415, 0.5274,
0.4726

319.0509, 0.3715,

 1.8664, 0.5400,

0.3759

0.4600

378.4464, 0.3683,
0.3734

■ 0.5281, 0.5828,
0.4172

■ 0.0000, 0.0000,
0.0000

■ 65.5569, 0.4108,
0.4046

■ 65.5569, 0.4108,
0.4046

■ 60.1593, 0.4349,
0.4175

■ 71.4624, 0.3875,
0.3898

■ 55.2481, 0.4588,
0.4272

■ 77.8917, 0.3657,
0.3741

■ 50.8025, 0.4812,
0.4325

■ 84.8622, 0.3457,
0.3582

■ 46.7979, 0.5007,
0.4326

■ 92.3899, 0.3278,
0.3428

■ 43.2002, 0.5168,
0.4275

100.0000, 0.3127,
0.3290

■ 43.0005, 0.5177,
0.4272

Harmonies

Analogous

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



65.5569, 0.4243, 0.3648



65.5569, 0.4108, 0.4046



65.5569, 0.3708, 0.4289

Triad

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



65.5569, 0.4108, 0.4046



65.5569, 0.2277, 0.3268



65.5569, 0.3001, 0.2534

Complementary

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



65.5569, 0.4108, 0.4046



44.9297, 0.2302, 0.2371

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.



65.5569, 0.2512, 0.2411



65.5569, 0.4108, 0.4046



65.5569, 0.2126, 0.2777

Square

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



65.5569, 0.4108, 0.4046



65.5569, 0.2650, 0.3834



65.5569, 0.2208, 0.2485



65.5569, 0.3572, 0.2818

Rectangle

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



65.5569, 0.4108, 0.4046



65.5569, 0.3357, 0.4291



65.5569, 0.2208, 0.2485



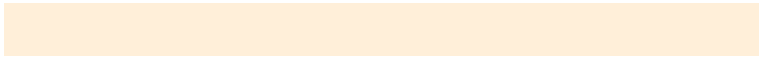
65.5569, 0.2822, 0.2473

Sweetspot

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



65.5576, 0.4108, 0.4046



88.1163, 0.3376, 0.3513



40.3147, 0.3923, 0.2751



18.5250, 0.3414, 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.



65.5576, 0.4108, 0.4046



60.3736, 0.4339, 0.4170



92.4273, 0.3781, 0.4527



19.7603, 0.3279, 0.3429



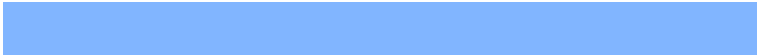
22.7701, 0.5156, 0.4288



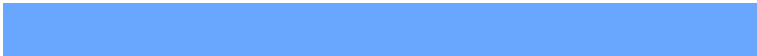
2.4325, 0.5016, 0.4399

Inverse Universe

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



44.9297, 0.2302, 0.2371



37.6995, 0.2145, 0.2152



28.4495, 0.2244, 0.1743



18.6090, 0.2979, 0.3147



9.3530, 0.1693, 0.1296



1.1198, 0.1755, 0.1518

Previews

White Background



This preview shows how the Yxy color 65.5569, 0.4108, 0.4046 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 65.5569, 0.4108, 0.4046 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 65.5569, 0.4108, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 65.5569, 0.4108, 0.4046.



This preview shows how white text looks on a background with the Yxy color 65.5569, 0.4108, 0.4046.

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

65.5569, 0.4108, 0.4046

Protanopia

65.7418, 0.3846, 0.4168

Deuteranopia

65.6931, 0.4072, 0.3998



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.5569, 0.4108, 0.4046

Protanomaly

65.7649, 0.3941, 0.4124

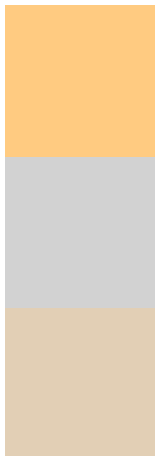
Deuteranomaly

65.6378, 0.4086, 0.4018

Tritanomaly

65.4021, 0.3730, 0.3490

Monochromacy



Original Color

65.5569, 0.4108, 0.4046

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1306, 0.3465, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5569, 0.4108, 0.4046 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 129) }
```

Border

The CSS property to change the border of an element to Yxy 65.5569, 0.4108, 0.4046 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, 129) }
```

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

```
.border{ border-color:rgb(255, 203, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 203, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 203, 129); box-shadow:4px 4px 4px 4px rgb(255, 203, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5569, 0.4108, 0.4046 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
203, 129) }
```

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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