

Converting Colors

$Yxy(68.9186, 0.4063, 0.4175)$

Have a look what the booklet for
Yxy(68.9186, 0.4063, 0.4175)
contains.

Yxy(69.0769, 0.4055, 0.4179)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.0769, 0.4055, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	FBD47D
RGB	251, 212, 125
RGB Percent	98%, 83%, 49%
CMY	0.0157, 0.1686, 0.5099
CMYK	0.00, 0.16, 0.50, 0.02
HSL	41°, 94%, 74%
HSV	41°, 50%, 98%
XYZ	67.0272, 69.0769, 29.1911
YIQ	213.7430, 51.1710, -18.7890

Conversions

Conversions Part 2

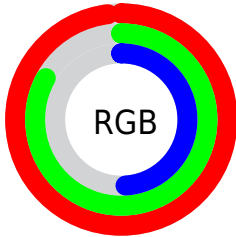
Format	Color
RYB	181, 251, 125
Decimal	16503933
CIELab	86.54, 3.06, 47.84
CIELCh	87, 47.933, 86.343
Yxy	69.0769, 0.4055, 0.4179
Android (android.graphics.Color)	4294694013 (0xFFFB47D)
YUV	213.7430, -43.7503, 32.6744
Hunter-Lab	83.1125, -1.4931, 37.3547

Details

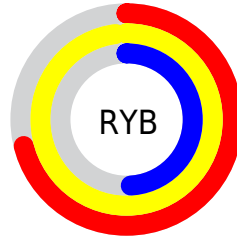
The Yxy color **69.0769, 0.4055, 0.4179** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.8595, 0.2255, 0.2182**, and the grayscale version is **67.3374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **36.1412, 0.4251, 0.4368** is the 20% darker color. If you saturate the color by 10%, you get **64.7280, 0.4259, 0.4326**, and if you desaturate by 10%, it is **73.7812, 0.3849, 0.4010**.

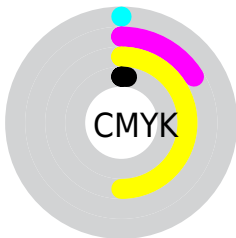
Distribution



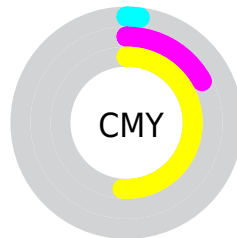
- Red (98%)
- Green (83%)
- Blue (49%)



- Red (71%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0769, 0.4055, 0.4179 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 69.0769, 0.4055, 0.4179 by changing the saturation by 10% instead.


 69.0769, 0.4055,
0.4179


 69.0769, 0.4055,
0.4179


457.3022, 0.3635,
0.3783

 50.7743, 0.4145,
0.4262


 117.8914, 0.3913,
0.4047

 36.0290, 0.4251,
0.4360


 149.1721, 0.3857,
0.3994

 24.4566, 0.4379,
0.4474


 185.5477, 0.3808,
0.3947

 15.6727, 0.4529,
0.4607

227.4025, 0.3765,
0.3906

 9.2928, 0.4703,
0.4753

275.1210, 0.3727,
0.3870

 4.9327, 0.4997,
0.5003

329.0875, 0.3693,

 2.2078, 0.5035,

0.3838

0.4965

389.6864, 0.3662,
0.3809

0.7243, 0.5130,
0.4870

0.0000, 0.0000,
0.0000

69.0769, 0.4055,
0.4179

69.0769, 0.4055,
0.4179

64.7280, 0.4259,
0.4326

73.7812, 0.3849,
0.4010

60.7096, 0.4454,
0.4440

78.8446, 0.3650,
0.3829

57.0079, 0.4627,
0.4510

84.2833, 0.3462,
0.3646

53.6034, 0.4772,
0.4530

90.1089, 0.3288,
0.3466

50.5289, 0.4884,
0.4504

96.3326, 0.3130,
0.3294

99.2493, 0.3102,
0.3290

Harmonies

Analogous

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



69.0769, 0.4293, 0.3791



69.0769, 0.4055, 0.4179



69.0769, 0.3576, 0.4363

Triad

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



69.0769, 0.4055, 0.4179



69.0769, 0.2165, 0.3096



69.0769, 0.3167, 0.2571

Complementary

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



69.0769, 0.4055, 0.4179



37.8595, 0.2255, 0.2182

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.



69.0769, 0.2615, 0.2389



69.0769, 0.4055, 0.4179



69.0769, 0.2080, 0.2636

Square

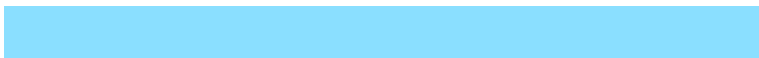
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0769, 0.4055, 0.4179



69.0769, 0.2490, 0.3694



69.0769, 0.2235, 0.2401



69.0769, 0.3761, 0.2907

Rectangle

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



69.0769, 0.4055, 0.4179



69.0769, 0.3194, 0.4294



69.0769, 0.2235, 0.2401



69.0769, 0.2970, 0.2491

Sweetspot

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



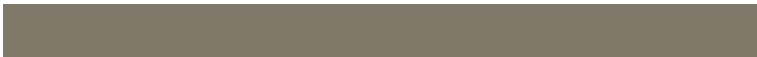
69.0802, 0.4055, 0.4179



90.4574, 0.3370, 0.3552



37.8807, 0.4090, 0.2874



19.0905, 0.3407, 0.3590



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.



69.0802, 0.4055, 0.4179



67.1676, 0.4256, 0.4324



86.9510, 0.3701, 0.4586



19.2315, 0.3277, 0.3453



26.8309, 0.4870, 0.4515



2.6733, 0.4769, 0.4595

Inverse Universe

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



37.8595, 0.2255, 0.2182



31.6460, 0.2082, 0.1919



27.9272, 0.2316, 0.1750



17.5189, 0.2979, 0.3121



6.7257, 0.1616, 0.1017



0.8026, 0.1681, 0.1250

Previews

White Background



This preview shows how the Yxy color 69.0769, 0.4055, 0.4179 looks on a white background.

Color Contrast Check

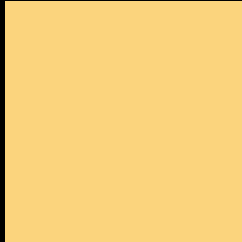
Large Text (above 18pt) WCAG AA × Fail

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 69.0769, 0.4055, 0.4179 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 69.0769, 0.4055, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 69.0769, 0.4055, 0.4179.



This preview shows how white text looks on a background with the Yxy color 69.0769, 0.4055, 0.4179.

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

69.0769, 0.4055, 0.4179

Protanopia

69.3352, 0.3912, 0.4245

Deuteranopia

69.0629, 0.3926, 0.3899



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.0769, 0.4055, 0.4179

Protanomaly

69.1619, 0.3969, 0.4221

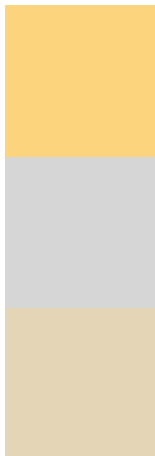
Deuteranomaly

69.0871, 0.3979, 0.4000

Tritanomaly

68.6741, 0.3670, 0.3520

Monochromacy



Original Color

69.0769, 0.4055, 0.4179

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2968, 0.3453, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0769, 0.4055, 0.4179 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(251, 212, 125)` looks like.

```
.text, #text, p{  
    color:rgb(251, 212, 125)  
}
```

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(251, 212, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 212, 125) }
```

Border

The CSS property to change the border of an element to Yxy 69.0769, 0.4055, 0.4179 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(251, 212, 125) }
```

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

```
.border{ border-color:rgb(251, 212, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 212, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 212, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 212, 125);  
box-shadow:4px 4px 4px 4px rgb(251, 212,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0769, 0.4055, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 212, 125) }
```

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

```
.background{ background-color: rgb(251,  
212, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor