

Converting Colors

$Yxy(68.1987, 0.3987, 0.4027)$

Have a look what the booklet for
Yxy(68.1987, 0.3987, 0.4027)
contains.

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Color

Yxy(68.1314, 0.3989, 0.4024)

Conversions

Conversions Part 1

Format	Color
Hex	FCD18A
RGB	252, 209, 138
RGB Percent	99%, 82%, 54%
CMY	0.0117, 0.1804, 0.4587
CMYK	0.00, 0.17, 0.45, 0.01
HSL	37°, 95%, 76%
HSV	37°, 45%, 99%
XYZ	67.5388, 68.1314, 33.6424
YIQ	213.7630, 48.4190, -12.9650

Conversions

Conversions Part 2

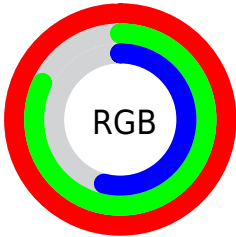
Format	Color
RYB	207, 252, 138
Decimal	16568714
CIELab	86.07, 6.21, 40.78
CIELCh	86, 41.248, 81.338
Yxy	68.1314, 0.3989, 0.4024
Android (android.graphics.Color)	4294758794 (0xFFFC18A)
YUV	213.7630, -37.3512, 33.5338
Hunter-Lab	82.5417, 1.6075, 33.6138

Details

The Yxy color **68.1314, 0.3989, 0.4024** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4982, 0.2364, 0.2412**, and the grayscale version is **67.3128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **35.4683, 0.4174, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **62.9588, 0.4216, 0.4170**, and if you desaturate by 10%, it is **73.7584, 0.3770, 0.3863**.

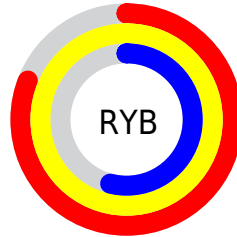
Distribution



Red (99%)

Green (82%)

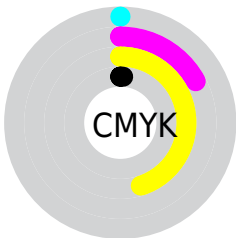
Blue (54%)



Red (81%)

Yellow (99%)

Blue (54%)

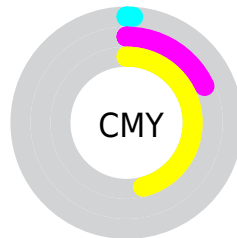


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1314, 0.3989, 0.4024 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 68.1314, 0.3989, 0.4024 by changing the saturation by 10% instead.


 68.1314, 0.3989,
0.4024

 68.1314, 0.3989,
0.4024


453.9614, 0.3592,
0.3695

 50.0046, 0.4077,
0.4094


 116.5401, 0.3853,
0.3914

 35.4171, 0.4183,
0.4177


 147.5908, 0.3800,
0.3870

 23.9843, 0.4313,
0.4276


 183.7183, 0.3753,
0.3831

 15.3220, 0.4473,
0.4393

225.3070, 0.3713,
0.3797

 9.0457, 0.4671,
0.4528

272.7413, 0.3677,
0.3767

 4.7710, 0.4977,
0.4733

326.4055, 0.3646,

 2.1135, 0.5203,

0.3741

0.4797

386.6841, 0.3617,
0.3717

0.6722, 0.5405,
0.4595

0.0000, 0.0000,
0.0000

68.1314, 0.3989,
0.4024

68.1314, 0.3989,
0.4024

62.9588, 0.4216,
0.4170

73.7584, 0.3770,
0.3863

58.2143, 0.4443,
0.4289

79.8455, 0.3565,
0.3696

53.8827, 0.4658,
0.4369

86.4104, 0.3378,
0.3530

49.9433, 0.4850,
0.4401

93.4668, 0.3208,
0.3370

■ 46.3715, 0.5008,
0.4378

99.4389, 0.3109,
0.3290

■ 44.7837, 0.5074,
0.4353

Harmonies

Analogous

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



68.1314, 0.4143, 0.3675



68.1314, 0.3989, 0.4024



68.1314, 0.3604, 0.4208

Triad

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



68.1314, 0.3989, 0.4024



68.1314, 0.2320, 0.3211



68.1314, 0.3079, 0.2621

Complementary

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



68.1314, 0.3989, 0.4024



45.4982, 0.2364, 0.2412

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.



68.1314, 0.2615, 0.2488



68.1314, 0.3989, 0.4024



68.1314, 0.2206, 0.2781

Square

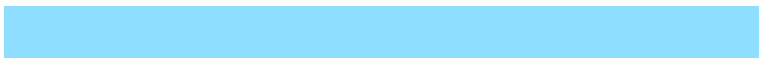
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1314, 0.3989, 0.4024



68.1314, 0.2642, 0.3721



68.1314, 0.2308, 0.2535



68.1314, 0.3596, 0.2900

Rectangle

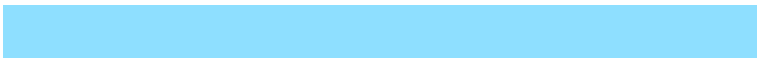
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1314, 0.3989, 0.4024



68.1314, 0.3278, 0.4177



68.1314, 0.2308, 0.2535



68.1314, 0.2912, 0.2558

Sweetspot

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



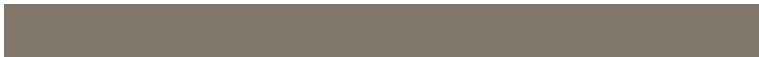
68.1346, 0.3989, 0.4024



89.6139, 0.3356, 0.3510



42.2473, 0.3866, 0.2833



18.8576, 0.3394, 0.3545



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.



68.1346, 0.3989, 0.4024



65.2803, 0.4189, 0.4154



89.7696, 0.3706, 0.4442



19.0257, 0.3278, 0.3437



23.6176, 0.5055, 0.4368



2.3914, 0.4924, 0.4472

Inverse Universe

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



45.4982, 0.2364, 0.2412



39.4970, 0.2212, 0.2203



31.8220, 0.2358, 0.1900



17.7163, 0.2979, 0.3138



8.1943, 0.1665, 0.1195



0.9557, 0.1731, 0.1431

Previews

White Background



This preview shows how the Yxy color 68.1314, 0.3989, 0.4024 looks on a white background.

Color Contrast Check

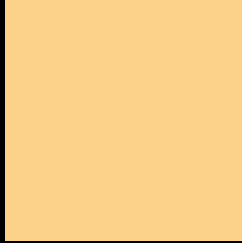
Large Text (above 18pt) WCAG AA × Fail

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 68.1314, 0.3989, 0.4024 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 68.1314, 0.3989, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 68.1314, 0.3989, 0.4024.



This preview shows how white text looks on a background with the Yxy color 68.1314, 0.3989, 0.4024.

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

68.1314, 0.3989, 0.4024

Protanopia

68.0164, 0.3796, 0.4096

Deuteranopia

68.0877, 0.3935, 0.3880



Tritanopia

67.9396, 0.3447, 0.3148

Trichromacy



Original Color

68.1314, 0.3989, 0.4024

Protanomaly

68.1827, 0.3868, 0.4070

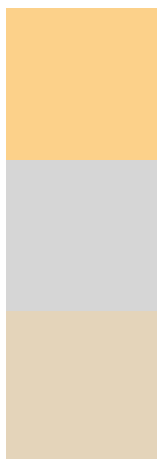
Deuteranomaly

68.2579, 0.3952, 0.3931

Tritanomaly

67.8444, 0.3652, 0.3468

Monochromacy



Original Color

68.1314, 0.3989, 0.4024

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1261, 0.3434, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1314, 0.3989, 0.4024 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(252, 209, 138)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 138)  
}
```

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(252, 209, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 138) }
```

Border

The CSS property to change the border of an element to Yxy 68.1314, 0.3989, 0.4024 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(252, 209, 138) }
```

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

```
.border{ border-color:rgb(252, 209, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 209, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 138);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1314, 0.3989, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 138) }
```

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

```
.background{ background-color: rgb(252,  
209, 138) }
```

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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