

Converting Colors

$Yxy(67.9168, 0.3911, 0.3986)$

Have a look what the booklet for
Yxy(67.9168, 0.3911, 0.3986)
contains.

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Color

Yxy(68.0633, 0.3909, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	F8D290
RGB	248, 210, 144
RGB Percent	97%, 82%, 56%
CMY	0.0276, 0.1764, 0.4354
CMYK	0.00, 0.15, 0.42, 0.03
HSL	38°, 88%, 77%
HSV	38°, 42%, 97%
XYZ	66.7820, 68.0633, 35.9963
YIQ	213.8380, 43.8340, -12.4700

Conversions

Conversions Part 2

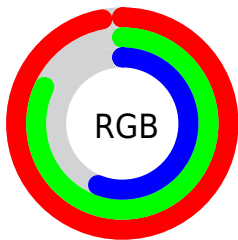
Format	Color
RYB	204, 248, 144
Decimal	16306832
CIELab	86.04, 4.69, 37.64
CIElCh	86, 37.927, 82.903
Yxy	68.0633, 0.3909, 0.3984
Android (android.graphics.Color)	4294496912 (0xFFFF8D290)
YUV	213.8380, -34.4301, 29.9601
Hunter-Lab	82.5005, 0.1152, 31.8811

Details

The Yxy color **68.0633, 0.3909, 0.3984** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.1304, 0.2420, 0.2472**, and the grayscale version is **67.3434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **35.5144, 0.4083, 0.4131** is the 20% darker color. If you saturate the color by 10%, you get **63.0465, 0.4130, 0.4139**, and if you desaturate by 10%, it is **73.5057, 0.3697, 0.3817**.

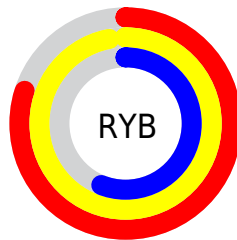
Distribution



Red (97%)

Green (82%)

Blue (56%)



Red (80%)

Yellow (97%)

Blue (56%)

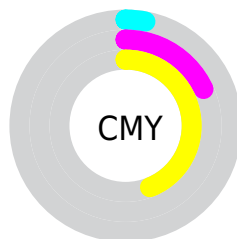


Cyan (0%)

Magenta (15%)

Yellow (42%)

Black (3%)



Cyan (3%)


Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0633, 0.3909, 0.3984 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 68.0633, 0.3909, 0.3984 by changing the saturation by 10% instead.


 68.0633, 0.3909,
0.3984

 68.0633, 0.3909,
0.3984

453.7203, 0.3548,
0.3670

 49.9492, 0.3989,
0.4052


 116.4427, 0.3785,
0.3878

 35.3731, 0.4087,
0.4134


 147.4768, 0.3736,
0.3835

 23.9504, 0.4208,
0.4232


183.5864, 0.3694,
0.3799

 15.2968, 0.4358,
0.4352

225.1559, 0.3657,
0.3767

 9.0280, 0.4547,
0.4496

272.5696, 0.3625,
0.3738

 4.7594, 0.4811,
0.4689

326.2120, 0.3596,

 2.1068, 0.5123,

0.3713

0.4877

386.4674, 0.3571,
0.3690

0.6685, 0.5287,
0.4713

0.0000, 0.0000,
0.0000

68.0633, 0.3909,
0.3984

68.0633, 0.3909,
0.3984

63.0465, 0.4130,
0.4139

73.5057, 0.3697,
0.3817

58.4306, 0.4354,
0.4271

79.3781, 0.3500,
0.3647

54.2020, 0.4569,
0.4368

85.6969, 0.3319,
0.3480

50.3424, 0.4763,
0.4419

92.4746, 0.3157,
0.3320

■ 46.8300, 0.4927,
0.4417

■ 98.6902, 0.3084,
0.3290

■ 44.2256, 0.5037,
0.4382

Harmonies

Analogous

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



68.0633, 0.4061, 0.3670



68.0633, 0.3909, 0.3984



68.0633, 0.3548, 0.4135

Triad

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



68.0633, 0.3909, 0.3984



68.0633, 0.2370, 0.3197



68.0633, 0.3110, 0.2680

Complementary

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



68.0633, 0.3909, 0.3984



46.1304, 0.2420, 0.2472

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.



68.0633, 0.2674, 0.2548



68.0633, 0.3909, 0.3984



68.0633, 0.2273, 0.2807

Square

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



68.0633, 0.3909, 0.3984



68.0633, 0.2661, 0.3662



68.0633, 0.2379, 0.2585



68.0633, 0.3583, 0.2946

Rectangle

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



68.0633, 0.3909, 0.3984



68.0633, 0.3245, 0.4094



68.0633, 0.2379, 0.2585



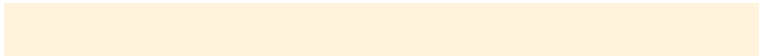
68.0633, 0.2954, 0.2619

Sweetspot

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



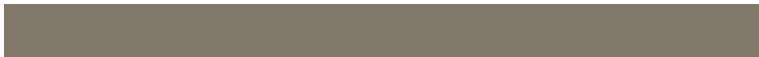
68.0665, 0.3909, 0.3984



90.5688, 0.3338, 0.3498



43.2741, 0.3807, 0.2884



19.0605, 0.3377, 0.3535



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.



68.0665, 0.3909, 0.3984



68.1475, 0.4089, 0.4111



86.6364, 0.3656, 0.4365



19.0632, 0.3278, 0.3440



24.1746, 0.5020, 0.4396



2.4407, 0.4895, 0.4495

Inverse Universe

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



46.1304, 0.2420, 0.2472



42.0535, 0.2276, 0.2278



33.9709, 0.2437, 0.2021



17.6801, 0.2979, 0.3135



7.9004, 0.1656, 0.1161



0.9257, 0.1721, 0.1397

Previews

White Background



This preview shows how the Yxy color 68.0633, 0.3909, 0.3984 looks on a white background.

Color Contrast Check

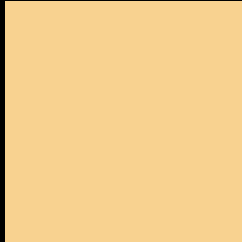
Large Text (above 18pt) WCAG AA × Fail

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 68.0633, 0.3909, 0.3984 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 68.0633, 0.3909, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 68.0633, 0.3909, 0.3984.



This preview shows how white text looks on a background with the Yxy color 68.0633, 0.3909, 0.3984.

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

68.0633, 0.3909, 0.3984

Protanopia

67.9998, 0.3754, 0.4046

Deuteranopia

68.1526, 0.3920, 0.3859



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.0633, 0.3909, 0.3984

Protanomaly

67.8100, 0.3809, 0.4025

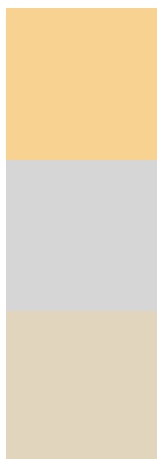
Deuteranomaly

67.9771, 0.3914, 0.3905

Tritanomaly

67.5989, 0.3612, 0.3438

Monochromacy



Original Color

68.0633, 0.3909, 0.3984

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4314, 0.3395, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0633, 0.3909, 0.3984 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(248, 210, 144)` looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 144)  
}
```

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(248, 210, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 144) }
```

Border

The CSS property to change the border of an element to Yxy 68.0633, 0.3909, 0.3984 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(248, 210, 144) }
```

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

```
.border{ border-color:rgb(248, 210, 144) }
```

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

Here you see how a box with a 4 pixel rgb(248, 210, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 210, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 210, 144);  
box-shadow:4px 4px 4px 4px rgb(248, 210,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0633, 0.3909, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 144) }
```

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

```
.background{ background-color: rgb(248,  
210, 144) }
```

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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