

Converting Colors

Yxy(67.4981, 0.3664, 0.3648)

Have a look what the booklet for
Yxy(67.4981, 0.3664, 0.3648)
contains.

Yxy(67.5802, 0.3669, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.5802, 0.3669, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	F5D0AE
RGB	245, 208, 174
RGB Percent	96%, 82%, 68%
CMY	0.0391, 0.1843, 0.3177
CMYK	0.00, 0.15, 0.29, 0.04
HSL	29°, 78%, 82%
HSV	29°, 29%, 96%
XYZ	67.8576, 67.5802, 49.5107
YIQ	215.1870, 32.9660, -2.7300

Conversions

Conversions Part 2

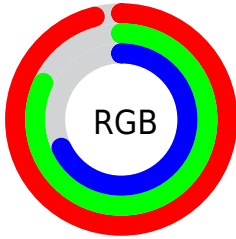
Format	Color
R _Y B	245, 239, 174
Decimal	16109742
CIE Lab	85.80, 8.10, 21.72
CIE LCh	86, 23.178, 69.537
Yxy	67.5802, 0.3669, 0.3654
Android (android.graphics.Color)	4294299822 (0xFFF5D0AE)
YUV	215.1870, -20.3052, 26.1460
Hunter-Lab	82.2072, 3.4796, 21.8366

Details

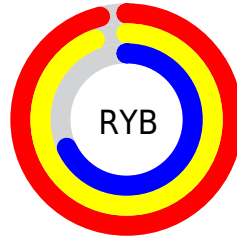
The Yxy color **67.5802, 0.3669, 0.3654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1927, 0.2665, 0.2895**, and the grayscale version is **68.2148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **35.1830, 0.3806, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **60.7335, 0.3906, 0.3784**, and if you desaturate by 10%, it is **75.1090, 0.3458, 0.3524**.

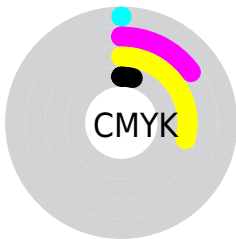
Distribution



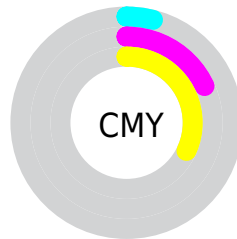
- Red (96%)
- Green (82%)
- Blue (68%)



- Red (96%)
- Yellow (94%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5802, 0.3669, 0.3654 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 67.5802, 0.3669, 0.3654 by changing the saturation by 10% instead.


 67.5802, 0.3669,
0.3654

 67.5802, 0.3669,
0.3654


452.0072, 0.3414,
0.3488

 49.5563, 0.3728,
0.3691


 115.7514, 0.3580,
0.3597

 35.0610, 0.3801,
0.3736


146.6674, 0.3545,
0.3575

 23.7098, 0.3894,
0.3791


182.6497, 0.3516,
0.3556

 15.1185, 0.4016,
0.3862

224.0825, 0.3490,
0.3539

 8.9026, 0.4181,
0.3953

271.3502, 0.3467,
0.3524

 4.6777, 0.4416,
0.4072

324.8373, 0.3447,

 2.0594, 0.4874,

0.3511

0.4317

384.9282, 0.3430,
0.3499

0.6417, 0.5573,
0.4427

0.0000, 0.0000,
0.0000

67.5802, 0.3669,
0.3654

67.5802, 0.3669,
0.3654

60.7335, 0.3906,
0.3784

75.1090, 0.3458,
0.3524

54.5384, 0.4169,
0.3907

83.3308, 0.3273,
0.3397

48.9755, 0.4449,
0.4013

92.2678, 0.3112,
0.3278

44.0204, 0.4737,
0.4088

98.1566, 0.3066,
0.3290

■ 39.6467, 0.5017,
0.4121

■ 35.8251, 0.5268,
0.4100

■ 32.5176, 0.5476,
0.4026

■ 32.2074, 0.5496,
0.4018

Harmonies

Analogous

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



67.5802, 0.3684, 0.3439



67.5802, 0.3669, 0.3654



67.5802, 0.3504, 0.3785

Triad

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



67.5802, 0.3669, 0.3654



67.5802, 0.2724, 0.3365



67.5802, 0.2994, 0.2852

Complementary

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



67.5802, 0.3669, 0.3654



62.1927, 0.2665, 0.2895

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.



67.5802, 0.2750, 0.2819



67.5802, 0.3669, 0.3654



67.5802, 0.2601, 0.3100

Square

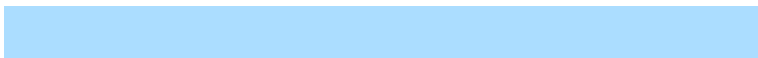
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5802, 0.3669, 0.3654



67.5802, 0.2956, 0.3622



67.5802, 0.2610, 0.2904



67.5802, 0.3284, 0.2989

Rectangle

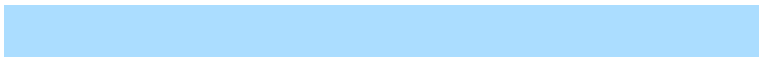
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5802, 0.3669, 0.3654



67.5802, 0.3335, 0.3798



67.5802, 0.2610, 0.2904



67.5802, 0.2904, 0.2828

Sweetspot

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



67.5833, 0.3669, 0.3654



91.2119, 0.3273, 0.3398



54.4355, 0.3432, 0.2889



19.2319, 0.3299, 0.3416



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.



67.5833, 0.3669, 0.3654



69.3473, 0.3810, 0.3734



86.3675, 0.3572, 0.3994



17.7913, 0.3282, 0.3404



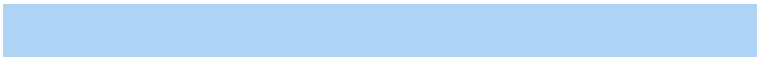
17.6210, 0.5470, 0.4039



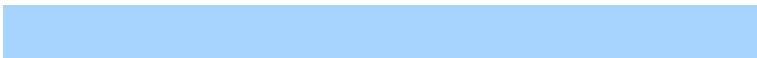
1.7533, 0.5269, 0.4199

Inverse Universe

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



62.1927, 0.2665, 0.2895



62.5250, 0.2565, 0.2797



46.7870, 0.2619, 0.2474



17.3562, 0.2980, 0.3174



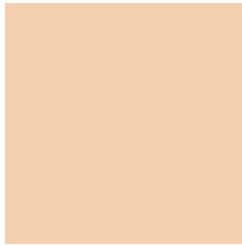
12.1083, 0.1791, 0.1649



1.2700, 0.1852, 0.1868

Previews

White Background



This preview shows how the Yxy color 67.5802, 0.3669, 0.3654 looks on a white background.

Color Contrast Check

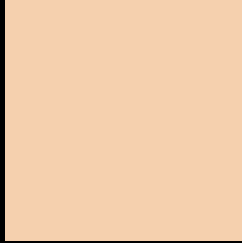
Large Text (above 18pt) WCAG AA × Fail

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 67.5802, 0.3669, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

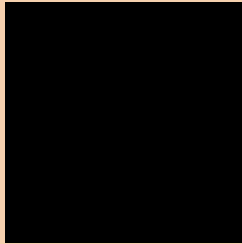
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5802, 0.3669, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 67.5802, 0.3669, 0.3654.



This preview shows how white text looks on a background with the Yxy color 67.5802, 0.3669, 0.3654.

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

67.5802, 0.3669, 0.3654

Protanopia

67.5984, 0.3487, 0.3703

Deuteranopia

67.3383, 0.3707, 0.3629



Tritanopia

67.6270, 0.3383, 0.3126

Trichromacy



Original Color

67.5802, 0.3669, 0.3654

Protanomaly

67.7140, 0.3555, 0.3686

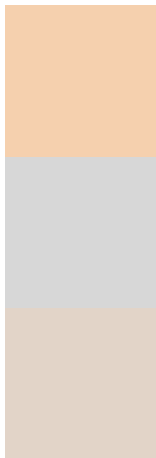
Deuteranomaly

67.6381, 0.3696, 0.3641

Tritanomaly

67.4065, 0.3487, 0.3312

Monochromacy



Original Color

67.5802, 0.3669, 0.3654

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4258, 0.3317, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5802, 0.3669, 0.3654 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(245, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 174)  
}
```

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(245, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 174) }
```

Border

The CSS property to change the border of an element to Yxy 67.5802, 0.3669, 0.3654 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(245, 208, 174) }
```

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

```
.border{ border-color:rgb(245, 208, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5802, 0.3669, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 174) }
```

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

```
.background{ background-color: rgb(245,  
208, 174) }
```

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