

Converting Colors

Yxy(67.5306, 0.3697, 0.3651)

Have a look what the booklet for
Yxy(67.5306, 0.3697, 0.3651)
contains.

Yxy(67.4169, 0.3696, 0.3652)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4169, 0.3696, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	F7CFAD
RGB	247, 207, 173
RGB Percent	97%, 81%, 68%
CMY	0.0311, 0.1883, 0.3215
CMYK	0.00, 0.16, 0.30, 0.03
HSL	28°, 82%, 82%
HSV	28°, 30%, 97%
XYZ	68.2292, 67.4169, 48.9566
YIQ	215.0840, 34.7540, -2.0940

Conversions

Conversions Part 2

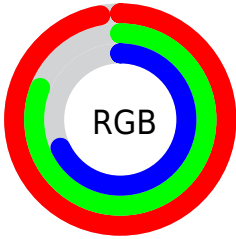
Format	Color
R _Y B	247, 236, 173
Decimal	16240557
CIE Lab	85.71, 9.27, 22.15
CIE LCh	86, 24.011, 67.288
Yxy	67.4169, 0.3696, 0.3652
Android (android.graphics.Color)	4294430637 (0xFFF7CFAD)
YUV	215.0840, -20.7474, 27.9903
Hunter-Lab	82.1078, 4.6396, 22.1239

Details

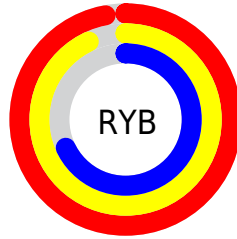
The Yxy color **67.4169, 0.3696, 0.3652** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.2357, 0.2650, 0.2897**, and the grayscale version is **68.1459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **35.0857, 0.3842, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **60.3440, 0.3940, 0.3777**, and if you desaturate by 10%, it is **75.2215, 0.3480, 0.3526**.

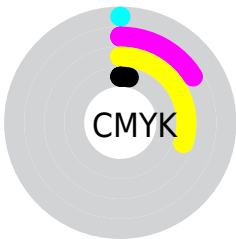
Distribution



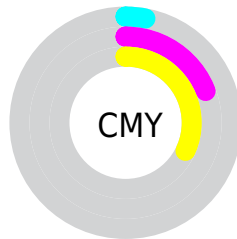
- Red (97%)
- Green (81%)
- Blue (68%)



- Red (97%)
- Yellow (93%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4169, 0.3696, 0.3652 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 67.4169, 0.3696, 0.3652 by changing the saturation by 10% instead.


 67.4169, 0.3696,
0.3652

 67.4169, 0.3696,
0.3652


451.4273, 0.3428,
0.3488

 49.4235, 0.3758,
0.3688


 115.5176, 0.3602,
0.3596

 34.9555, 0.3835,
0.3732


146.3937, 0.3566,
0.3574

 23.6286, 0.3933,
0.3787


182.3328, 0.3535,
0.3555

 15.0584, 0.4061,
0.3855

223.7193, 0.3508,
0.3538

 8.8604, 0.4235,
0.3943

270.9376, 0.3484,
0.3523

 4.6502, 0.4482,
0.4055

324.3721, 0.3463,

 2.0435, 0.4974,

0.3510

0.4299

384.4072, 0.3445,
0.3498

0.6326, 0.5668,
0.4332

0.0000, 0.0000,
0.0000

67.4169, 0.3696,
0.3652

67.4169, 0.3696,
0.3652

60.3440, 0.3940,
0.3777

75.2215, 0.3480,
0.3526

53.9703, 0.4210,
0.3894

83.7706, 0.3291,
0.3405

48.2739, 0.4500,
0.3992

93.0882, 0.3127,
0.3290

43.2284, 0.4798,
0.4060

98.5246, 0.3078,
0.3290

■ 38.8048, 0.5086,
0.4083

■ 34.9706, 0.5343,
0.4052

■ 31.6820, 0.5555,
0.3971

■ 31.6733, 0.5556,
0.3970

Harmonies

Analogous

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



67.4169, 0.3699, 0.3425



67.4169, 0.3696, 0.3652



67.4169, 0.3534, 0.3797

Triad

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



67.4169, 0.3696, 0.3652



67.4169, 0.2724, 0.3389



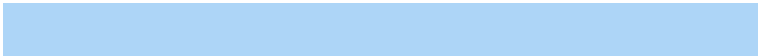
67.4169, 0.2967, 0.2830

Complementary

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



67.4169, 0.3696, 0.3652



63.2357, 0.2650, 0.2897

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.



67.4169, 0.2721, 0.2804



67.4169, 0.3696, 0.3652



67.4169, 0.2587, 0.3111

Square

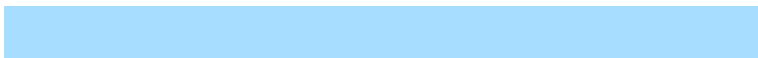
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4169, 0.3696, 0.3652



67.4169, 0.2971, 0.3651



67.4169, 0.2586, 0.2901



67.4169, 0.3267, 0.2965

Rectangle

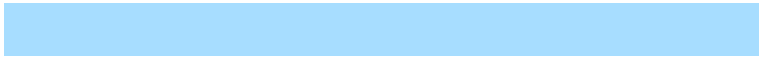
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.4169, 0.3696, 0.3652



67.4169, 0.3363, 0.3819



67.4169, 0.2586, 0.2901



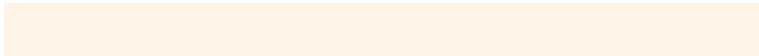
67.4169, 0.2876, 0.2809

Sweetspot

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



67.4200, 0.3696, 0.3652



90.9388, 0.3274, 0.3393



54.5176, 0.3435, 0.2862



19.1647, 0.3300, 0.3411



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.



67.4200, 0.3696, 0.3652



67.7265, 0.3841, 0.3729



87.1162, 0.3591, 0.4007



17.7353, 0.3282, 0.3399



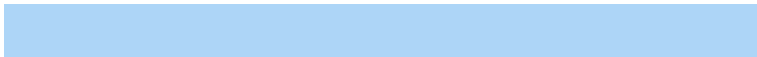
17.0190, 0.5528, 0.3992



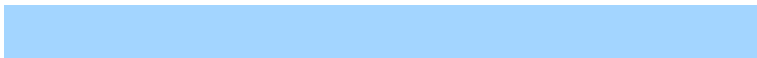
1.6988, 0.5319, 0.4159

Inverse Universe

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



63.2357, 0.2650, 0.2897



62.5568, 0.2552, 0.2803



46.9357, 0.2600, 0.2456



17.4127, 0.2980, 0.3179



12.8093, 0.1810, 0.1717



1.3313, 0.1869, 0.1929

Previews

White Background



This preview shows how the Yxy color 67.4169, 0.3696, 0.3652 looks on a white background.

Color Contrast Check

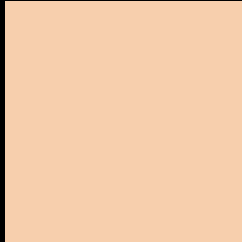
Large Text (above 18pt) WCAG AA × Fail

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 67.4169, 0.3696, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

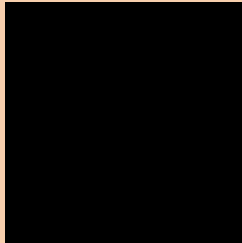
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4169, 0.3696, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 67.4169, 0.3696, 0.3652.



This preview shows how white text looks on a background with the Yxy color 67.4169, 0.3696, 0.3652.

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

67.4169, 0.3696, 0.3652

Protanopia

67.5586, 0.3495, 0.3714

Deuteranopia

67.2995, 0.3715, 0.3640



Tritanopia

67.4266, 0.3416, 0.3137

Trichromacy



Original Color

67.4169, 0.3696, 0.3652

Protanomaly

67.1761, 0.3565, 0.3686

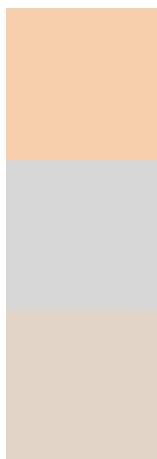
Deuteranomaly

67.1162, 0.3707, 0.3641

Tritanomaly

67.2060, 0.3520, 0.3323

Monochromacy



Original Color

67.4169, 0.3696, 0.3652

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5880, 0.3325, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4169, 0.3696, 0.3652 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(247, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 173)  
}
```

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(247, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 173) }
```

Border

The CSS property to change the border of an element to Yxy 67.4169, 0.3696, 0.3652 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(247, 207, 173) }
```

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

```
.border{ border-color:rgb(247, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4169, 0.3696, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 173) }
```

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

```
.background{ background-color: rgb(247,  
207, 173) }
```

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