

Converting Colors

$Yxy(66.8799, 0.3590, 0.3574)$

Have a look what the booklet for
Yxy(66.8799, 0.3590, 0.3574)
contains.

Yxy(66.8391, 0.3594, 0.3571)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.8391, 0.3594, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFB5
RGB	242, 207, 181
RGB Percent	95%, 81%, 71%
CMY	0.0510, 0.1882, 0.2903
CMYK	0.00, 0.14, 0.25, 0.05
HSL	26°, 70%, 83%
HSV	26°, 25%, 95%
XYZ	67.2696, 66.8391, 53.0632
YIQ	214.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

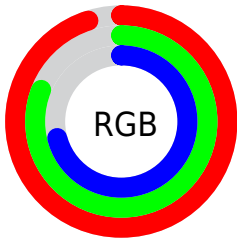
Format	Color
R _Y B	242, 226, 181
Decimal	15912885
CIE Lab	85.42, 8.42, 17.48
CIE LCh	85, 19.399, 64.282
Yxy	66.8391, 0.3594, 0.3571
Android (android.graphics.Color)	4294102965 (0xFFFF2CFB5)
YUV	214.5010, -16.5160, 24.1166
Hunter-Lab	81.7552, 3.8014, 18.7464

Details

The Yxy color **66.8391, 0.3594, 0.3571** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3326, 0.2730, 0.2991**, and the grayscale version is **67.7002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **34.6553, 0.3707, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **59.5012, 0.3830, 0.3688**, and if you desaturate by 10%, it is **74.9468, 0.3388, 0.3455**.

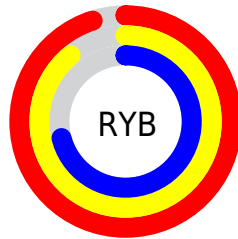
Distribution



Red (95%)

Green (81%)

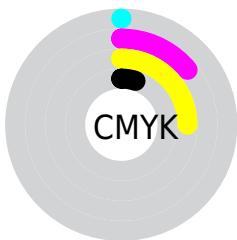
Blue (71%)



Red (95%)

Yellow (89%)

Blue (71%)

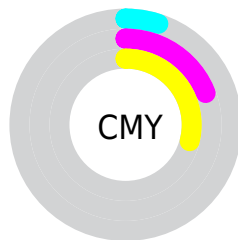


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8391, 0.3594, 0.3571 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 66.8391, 0.3594, 0.3571 by changing the saturation by 10% instead.


 66.8391, 0.3594,
0.3571

 66.8391, 0.3594,
0.3571


449.3718, 0.3373,
0.3443

 48.9539, 0.3645,
0.3600

 114.6898, 0.3517,
0.3527

 34.5829, 0.3709,
0.3635


145.4241, 0.3487,
0.3510

 23.3418, 0.3791,
0.3679

181.2102, 0.3461,
0.3495

 14.8461, 0.3899,
0.3734

222.4326, 0.3439,
0.3482

 8.7114, 0.4047,
0.3807

269.4755, 0.3419,
0.3470

 4.5534, 0.4262,
0.3906

322.7234, 0.3402,

 1.9877, 0.4631,

0.3460

0.4066

382.5607, 0.3387,
0.3451

0.6003, 0.5638,
0.4362

0.0000, 0.0000,
0.0000

66.8391, 0.3594,
0.3571

66.8391, 0.3594,
0.3571

59.5012, 0.3830,
0.3688

74.9468, 0.3388,
0.3455

52.8999, 0.4096,
0.3802

83.8380, 0.3210,
0.3345

47.0127, 0.4389,
0.3903

93.5377, 0.3057,
0.3241

41.8124, 0.4699,
0.3979

97.6171, 0.3047,
0.3290

■ 37.2698, 0.5010,
0.4018

■ 33.3524, 0.5300,
0.4008

■ 30.0237, 0.5546,
0.3942

■ 28.6199, 0.5649,
0.3897

Harmonies

Analogous

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



66.8391, 0.3582, 0.3383



66.8391, 0.3594, 0.3571



66.8391, 0.3476, 0.3694

Triad

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



66.8391, 0.3594, 0.3571



66.8391, 0.2817, 0.3395



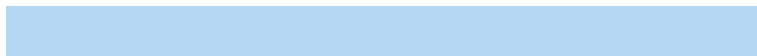
66.8391, 0.2975, 0.2907

Complementary

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



66.8391, 0.3594, 0.3571



65.3326, 0.2730, 0.2991

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.



66.8391, 0.2781, 0.2897



66.8391, 0.3594, 0.3571



66.8391, 0.2693, 0.3169

Square

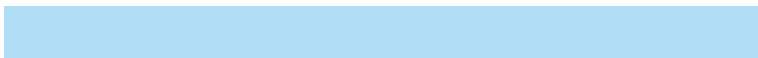
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8391, 0.3594, 0.3571



66.8391, 0.3025, 0.3597



66.8391, 0.2680, 0.2989



66.8391, 0.3217, 0.3009

Rectangle

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



66.8391, 0.3594, 0.3571



66.8391, 0.3343, 0.3717



66.8391, 0.2680, 0.2989



66.8391, 0.2903, 0.2893

Sweetspot

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



66.8422, 0.3594, 0.3571



91.5163, 0.3257, 0.3375



56.9068, 0.3358, 0.2912



19.2608, 0.3284, 0.3392



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.



66.8422, 0.3594, 0.3571



71.1463, 0.3705, 0.3628



82.7316, 0.3520, 0.3872



16.8672, 0.3283, 0.3391



15.6333, 0.5620, 0.3919



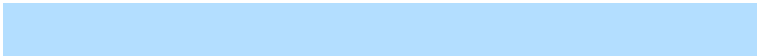
1.4939, 0.5388, 0.4104

Inverse Universe

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



65.3326, 0.2730, 0.2991



69.1850, 0.2652, 0.2924



51.3802, 0.2698, 0.2632



16.7340, 0.2980, 0.3187



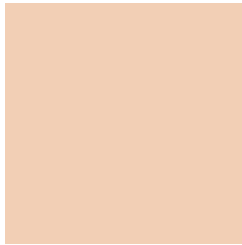
13.6072, 0.1842, 0.1831



1.3289, 0.1900, 0.2041

Previews

White Background



This preview shows how the Yxy color 66.8391, 0.3594, 0.3571 looks on a white background.

Color Contrast Check

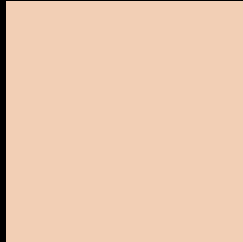
Large Text (above 18pt) WCAG AA × Fail

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 66.8391, 0.3594, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

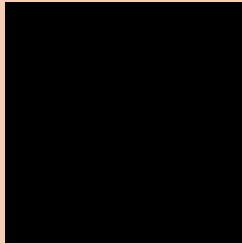
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8391, 0.3594, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 66.8391, 0.3594, 0.3571.



This preview shows how white text looks on a background with the Yxy color 66.8391, 0.3594, 0.3571.

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

66.8391, 0.3594, 0.3571

Protanopia

66.8965, 0.3415, 0.3616

Deuteranopia

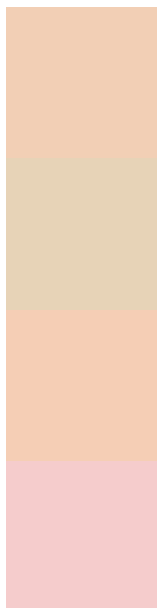
67.0716, 0.3629, 0.3557



Tritanopia

66.8436, 0.3360, 0.3134

Trichromacy



Original Color

66.8391, 0.3594, 0.3571

Protanomaly

66.9964, 0.3482, 0.3600

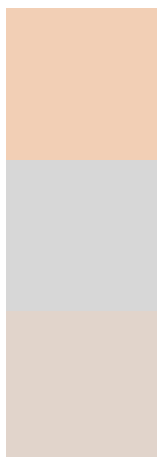
Deuteranomaly

66.8913, 0.3621, 0.3558

Tritanomaly

66.9578, 0.3448, 0.3291

Monochromacy



Original Color

66.8391, 0.3594, 0.3571

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4063, 0.3288, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8391, 0.3594, 0.3571 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(242, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 181)  
}
```

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(242, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 181) }
```

Border

The CSS property to change the border of an element to Yxy 66.8391, 0.3594, 0.3571 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(242, 207, 181) }
```

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

```
.border{ border-color:rgb(242, 207, 181) }
```

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

Here you see how a box with a 4 pixel rgb(242, 207, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8391, 0.3594, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 181) }
```

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

```
.background{ background-color: rgb(242,  
207, 181) }
```

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