

Converting Colors

Yxy(65.1238, 0.3718, 0.3589)

Have a look what the booklet for
Yxy(65.1238, 0.3718, 0.3589)
contains.

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Color

Yxy(65.2535, 0.3711, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	F8CAAE
RGB	248, 202, 174
RGB Percent	97%, 79%, 68%
CMY	0.0275, 0.2078, 0.3176
CMYK	0.00, 0.19, 0.30, 0.03
HSL	23°, 84%, 83%
HSV	23°, 30%, 97%
XYZ	67.4716, 65.2535, 49.0901
YIQ	212.5620, 36.4040, 1.0440

Conversions

Conversions Part 2

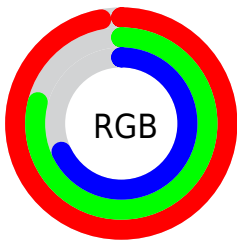
Format	Color
R _Y B	248, 219, 174
Decimal	16304814
CIE Lab	84.61, 12.35, 20.11
CIE LCh	85, 23.602, 58.454
Yxy	65.2535, 0.3711, 0.3589
Android (android.graphics.Color)	4294494894 (0xFFF8CAAE)
YUV	212.5620, -19.0111, 31.0791
Hunter-Lab	80.7796, 7.7288, 20.5150

Details

The Yxy color $65.2535, 0.3711, 0.3589$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $66.9654, 0.2660, 0.2969$, and the grayscale version is $66.3450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $33.6367, 0.3867, 0.3661$ is the 20% darker color. If you saturate the color by 10%, you get $57.4997, 0.3971, 0.3693$, and if you desaturate by 10%, it is $73.9146, 0.3485, 0.3484$.

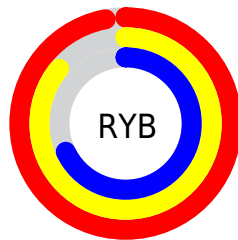
Distribution



Red (97%)

Green (79%)

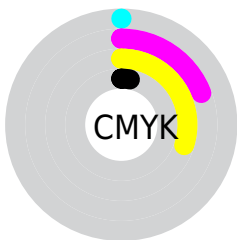
Blue (68%)



Red (97%)

Yellow (86%)

Blue (68%)

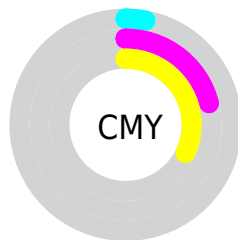


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (21%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2535, 0.3711, 0.3589 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 65.2535, 0.3711, 0.3589 by changing the saturation by 10% instead.


 65.2535, 0.3711,
0.3589

 65.2535, 0.3711,
0.3589


443.7024, 0.3434,
0.3454

 47.6667, 0.3776,
0.3618


 112.4142, 0.3613,
0.3543

 33.5630, 0.3857,
0.3654


142.7569, 0.3576,
0.3525

 22.5581, 0.3960,
0.3698


178.1203, 0.3544,
0.3509

 14.2675, 0.4096,
0.3752

218.8889, 0.3516,
0.3496

 8.3070, 0.4284,
0.3821

265.4470, 0.3491,
0.3484

 4.2920, 0.4554,
0.3906

318.1790, 0.3470,

 1.8382, 0.5102,

0.3473

0.4104

377.4693, 0.3451,
0.3463

0.5108, 0.6064,
0.3936

0.0000, 0.0000,
0.0000

65.2535, 0.3711,
0.3589

65.2535, 0.3711,
0.3589

57.4997, 0.3971,
0.3693

73.9146, 0.3485,
0.3484

50.6133, 0.4266,
0.3790

83.5033, 0.3290,
0.3384

44.5644, 0.4588,
0.3869

94.0504, 0.3125,
0.3288

39.3176, 0.4924,
0.3919

98.6956, 0.3084,
0.3290

■ 34.8347, 0.5253,
0.3926

■ 31.0733, 0.5546,
0.3881

■ 27.9788, 0.5784,
0.3788

■ 27.9317, 0.5788,
0.3786

Harmonies

Analogous

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



65.2535, 0.3665, 0.3351



65.2535, 0.3711, 0.3589



65.2535, 0.3593, 0.3764

Triad

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



65.2535, 0.3711, 0.3589



65.2535, 0.2790, 0.3472



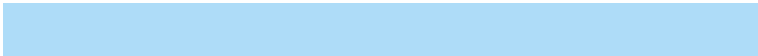
65.2535, 0.2887, 0.2813

Complementary

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



65.2535, 0.3711, 0.3589



66.9654, 0.2660, 0.2969

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.



65.2535, 0.2671, 0.2823



65.2535, 0.3711, 0.3589



65.2535, 0.2617, 0.3190

Square

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



65.2535, 0.3711, 0.3589



65.2535, 0.3057, 0.3708



65.2535, 0.2575, 0.2954



65.2535, 0.3177, 0.2918

Rectangle

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



65.2535, 0.3711, 0.3589



65.2535, 0.3441, 0.3815



65.2535, 0.2575, 0.2954



65.2535, 0.2804, 0.2803

Sweetspot

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



65.2565, 0.3711, 0.3589



89.8421, 0.3276, 0.3376



55.4469, 0.3381, 0.2803



18.8952, 0.3302, 0.3390



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

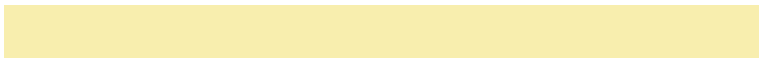
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2565, 0.3711, 0.3589



64.2698, 0.3869, 0.3654



84.2377, 0.3606, 0.3946



18.3014, 0.3284, 0.3380



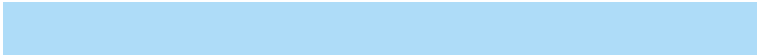
15.3379, 0.5759, 0.3809



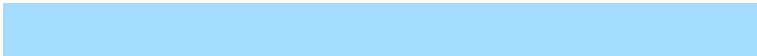
1.6175, 0.5536, 0.3986

Inverse Universe

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



66.9654, 0.2660, 0.2969



66.3535, 0.2564, 0.2891



50.0080, 0.2612, 0.2535



18.4405, 0.2980, 0.3198



16.4539, 0.1889, 0.1998



1.7281, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 65.2535, 0.3711, 0.3589 looks on a white background.

Color Contrast Check

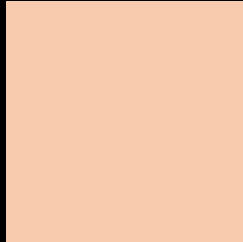
Large Text (above 18pt) WCAG AA × Fail

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 65.2535, 0.3711, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

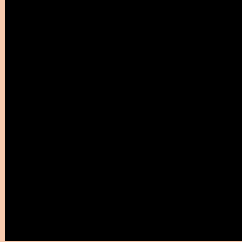
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2535, 0.3711, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 65.2535, 0.3711, 0.3589.



This preview shows how white text looks on a background with the Yxy color 65.2535, 0.3711, 0.3589.

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

65.2535, 0.3711, 0.3589

Protanopia

65.4909, 0.3455, 0.3664

Deuteranopia

65.1803, 0.3684, 0.3602



Tritanopia

65.3814, 0.3453, 0.3136

Trichromacy



Original Color

65.2535, 0.3711, 0.3589

Protanomaly

65.4419, 0.3541, 0.3634

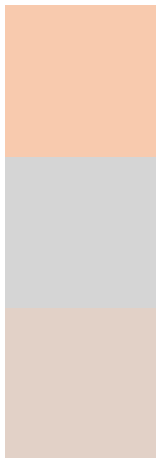
Deuteranomaly

65.3607, 0.3692, 0.3601

Tritanomaly

65.4333, 0.3552, 0.3302

Monochromacy



Original Color

65.2535, 0.3711, 0.3589

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8932, 0.3328, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2535, 0.3711, 0.3589 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, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 202, 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(248, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 202, 174) }
```

Border

The CSS property to change the border of an element to Yxy 65.2535, 0.3711, 0.3589 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, 202, 174) }
```

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

```
.border{ border-color:rgb(248, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 202,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2535, 0.3711, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 202, 174) }
```

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

```
.background{ background-color: rgb(248,  
202, 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](#).

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