

Converting Colors

Yxy(64.3667, 0.3692, 0.3598)

Have a look what the booklet for
Yxy(64.3667, 0.3692, 0.3598)
contains.

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Color

Yxy(64.6707, 0.3694, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	F5CAAD
RGB	245, 202, 173
RGB Percent	96%, 79%, 68%
CMY	0.0394, 0.2077, 0.3216
CMYK	0.00, 0.18, 0.29, 0.04
HSL	24°, 78%, 82%
HSV	24°, 29%, 96%
XYZ	66.3041, 64.6707, 48.5165
YIQ	211.5510, 34.9370, 0.0970

Conversions

Conversions Part 2

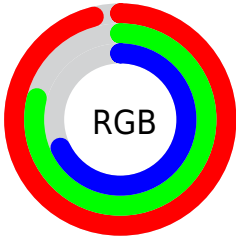
Format	Color
R _Y B	245, 222, 173
Decimal	16108205
CIE Lab	84.31, 11.06, 20.20
CIE LCh	84, 23.024, 61.303
Yxy	64.6707, 0.3694, 0.3603
Android (android.graphics.Color)	4294298285 (0xFFF5CAAD)
YUV	211.5510, -19.0056, 29.3348
Hunter-Lab	80.4181, 6.4401, 20.5228

Details

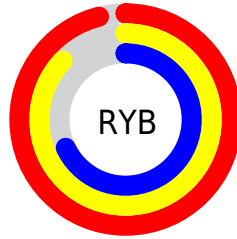
The Yxy color $64.6707, 0.3694, 0.3603$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $64.5347, 0.2665, 0.2954$, and the grayscale version is $65.6342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $33.2517, 0.3834, 0.3666$ is the 20% darker color. If you saturate the color by 10%, you get $57.2753, 0.3948, 0.3714$, and if you desaturate by 10%, it is $72.8949, 0.3473, 0.3492$.

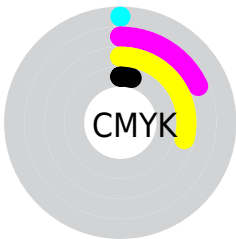
Distribution



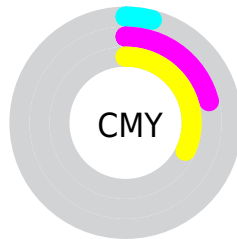
- Red (96%)
- Green (79%)
- Blue (68%)



- Red (96%)
- Yellow (87%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6707, 0.3694, 0.3603 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 64.6707, 0.3694, 0.3603 by changing the saturation by 10% instead.


 64.6707, 0.3694,
0.3603

 64.6707, 0.3694,
0.3603


441.6077, 0.3424,
0.3461

 47.1941, 0.3757,
0.3634


 111.5763, 0.3599,
0.3555

 33.1891, 0.3836,
0.3672


141.7741, 0.3563,
0.3535

 22.2714, 0.3936,
0.3719


176.9811, 0.3531,
0.3519

 14.0564, 0.4069,
0.3778

217.5816, 0.3504,
0.3504

 8.1599, 0.4252,
0.3854

263.9602, 0.3481,
0.3492

 4.1975, 0.4516,
0.3949

316.5011, 0.3460,

 1.7846, 0.5078,

0.3480

0.4187

375.5888, 0.3441,
0.3470

0.4776, 0.6025,
0.3975

0.0000, 0.0000,
0.0000

64.6707, 0.3694,
0.3603

64.6707, 0.3694,
0.3603

57.2753, 0.3948,
0.3714

72.8949, 0.3473,
0.3492

50.6724, 0.4232,
0.3817

81.9651, 0.3282,
0.3385

44.8358, 0.4543,
0.3904

91.9088, 0.3118,
0.3284

39.7342, 0.4867,
0.3961

98.1425, 0.3065,
0.3290

■ 35.3337, 0.5184,
0.3976

■ 31.5967, 0.5469,
0.3938

■ 28.4755, 0.5702,
0.3849

■ 28.2989, 0.5716,
0.3843

Harmonies

Analogous

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



64.6707, 0.3664, 0.3373



64.6707, 0.3694, 0.3603



64.6707, 0.3565, 0.3764

Triad

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



64.6707, 0.3694, 0.3603



64.6707, 0.2776, 0.3442



64.6707, 0.2917, 0.2828

Complementary

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



64.6707, 0.3694, 0.3603



64.5347, 0.2665, 0.2954

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.



64.6707, 0.2696, 0.2827



64.6707, 0.3694, 0.3603



64.6707, 0.2618, 0.3167

Square

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



64.6707, 0.3694, 0.3603



64.6707, 0.3031, 0.3681



64.6707, 0.2590, 0.2945



64.6707, 0.3205, 0.2940

Rectangle

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



64.6707, 0.3694, 0.3603



64.6707, 0.3411, 0.3805



64.6707, 0.2590, 0.2945



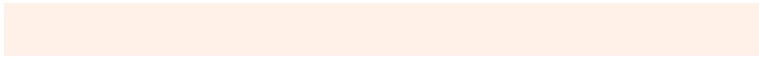
64.6707, 0.2833, 0.2815

Sweetspot

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



64.6737, 0.3694, 0.3603



90.1847, 0.3275, 0.3381



54.2514, 0.3396, 0.2835



18.9794, 0.3301, 0.3396



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.



64.6737, 0.3694, 0.3603



66.1372, 0.3834, 0.3667



83.4221, 0.3591, 0.3958



17.5804, 0.3283, 0.3386



15.5073, 0.5687, 0.3866



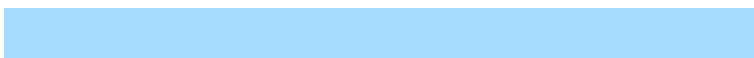
1.5589, 0.5459, 0.4047

Inverse Universe

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



64.5347, 0.2665, 0.2954



65.9526, 0.2576, 0.2877



48.1889, 0.2618, 0.2520



17.5704, 0.2980, 0.3192



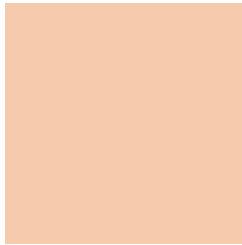
14.9254, 0.1864, 0.1910



1.5130, 0.1917, 0.2100

Previews

White Background



This preview shows how the Yxy color 64.6707, 0.3694, 0.3603 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 64.6707, 0.3694, 0.3603 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 64.6707, 0.3694, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 64.6707, 0.3694, 0.3603.



This preview shows how white text looks on a background with the Yxy color 64.6707, 0.3694, 0.3603.

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

64.6707, 0.3694, 0.3603

Protanopia

64.7971, 0.3457, 0.3665

Deuteranopia

64.4913, 0.3686, 0.3603



Tritanopia

64.8257, 0.3429, 0.3135

Trichromacy



Original Color

64.6707, 0.3694, 0.3603

Protanomaly

64.5832, 0.3535, 0.3637

Deuteranomaly

64.4913, 0.3686, 0.3603

Tritanomaly

64.8805, 0.3528, 0.3302

Monochromacy



Original Color

64.6707, 0.3694, 0.3603

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.0363, 0.3321, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6707, 0.3694, 0.3603 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, 202, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 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(245, 202, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 173) }
```

Border

The CSS property to change the border of an element to Yxy 64.6707, 0.3694, 0.3603 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, 202, 173) }
```

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

```
.border{ border-color:rgb(245, 202, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 202, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 202, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 202, 173); box-shadow:4px 4px 4px 4px rgb(245, 202, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6707, 0.3694, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 173) }
```

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

```
.background{ background-color: rgb(245,  
202, 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](#).

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