

Converting Colors

$Yxy(79.6156, 0.3808, 0.3618)$

Have a look what the booklet for
Yxy(79.6156, 0.3808, 0.3618)
contains.

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Color

Yxy(75.4258, 0.3635, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBB9
RGB	255, 219, 185
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1411, 0.2747
CMYK	0.00, 0.14, 0.27, 0.00
HSL	29°, 100%, 86%
HSV	29°, 27%, 100%
XYZ	75.3222, 75.4258, 56.4657
YIQ	225.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

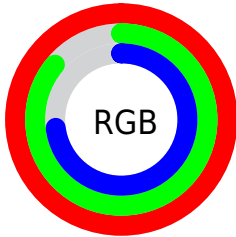
Format	Color
R _Y B	255, 251, 185
Decimal	16767929
CIE Lab	89.59, 7.56, 21.37
CIE LCh	90, 22.670, 70.518
Yxy	75.4258, 0.3635, 0.3640
Android (android.graphics.Color)	4294958009 (0xFFFFDDB9)
YUV	225.8880, -20.1578, 25.5312
Hunter-Lab	86.8480, 2.8267, 22.2452

Details

The Yxy color **75.4258, 0.3635, 0.3640** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.2093, 0.2688, 0.2912**, and the grayscale version is **76.0986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **40.0872, 0.3747, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **67.8783, 0.3868, 0.3773**, and if you desaturate by 10%, it is **83.7113, 0.3428, 0.3508**.

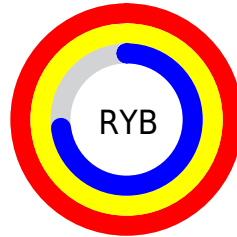
Distribution



Red (100%)

Green (86%)

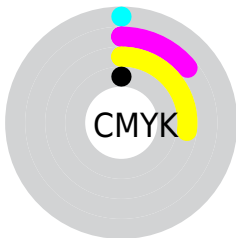
Blue (73%)



Red (100%)

Yellow (98%)

Blue (73%)

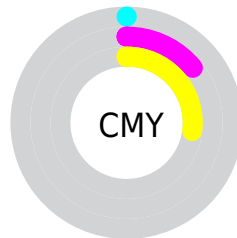


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4258, 0.3635, 0.3640 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 75.4258, 0.3635, 0.3640 by changing the saturation by 10% instead.


 75.4258, 0.3635,
0.3640

 75.4258, 0.3635,
0.3640

479.3798, 0.3401,
0.3483

 55.9618, 0.3688,
0.3674


 126.9149, 0.3554,
0.3587

 40.1723, 0.3754,
0.3716


159.7088, 0.3522,
0.3566

 27.6729, 0.3836,
0.3767


197.7148, 0.3495,
0.3547

 18.0792, 0.3942,
0.3832

241.3173, 0.3471,
0.3531

 11.0069, 0.4085,
0.3915

290.9006, 0.3450,
0.3517

 6.0715, 0.4284,
0.4025

346.8492, 0.3432,

 2.8886, 0.4578,

0.3505

0.4170

409.5475, 0.3415,
0.3493

1.0738, 0.5370,
0.4630

0.0000, 1.0000,
0.0000

75.4258, 0.3635,
0.3640

75.4258, 0.3635,
0.3640

67.8783, 0.3868,
0.3773

83.7113, 0.3428,
0.3508

61.0358, 0.4125,
0.3900

92.7458, 0.3247,
0.3380

54.8777, 0.4401,
0.4010

99.9980, 0.3127,
0.3290

49.3781, 0.4687,
0.4093

■ 44.5091, 0.4965,
0.4134

■ 40.2395, 0.5218,
0.4122

■ 36.5321, 0.5428,
0.4055

■ 35.6709, 0.5477,
0.4033

Harmonies

Analogous

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



75.4258, 0.3654, 0.3439



75.4258, 0.3635, 0.3640



75.4258, 0.3476, 0.3758

Triad

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



75.4258, 0.3635, 0.3640



75.4258, 0.2741, 0.3353



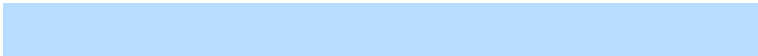
75.4258, 0.3010, 0.2879

Complementary

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



75.4258, 0.3635, 0.3640



69.2093, 0.2688, 0.2912

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.



75.4258, 0.2777, 0.2844



75.4258, 0.3635, 0.3640



75.4258, 0.2628, 0.3104

Square

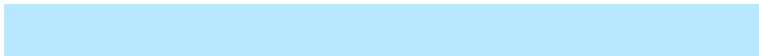
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4258, 0.3635, 0.3640



75.4258, 0.2958, 0.3595



75.4258, 0.2641, 0.2921



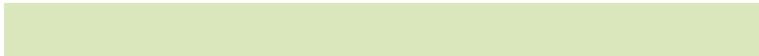
75.4258, 0.3284, 0.3011

Rectangle

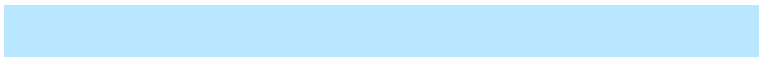
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4258, 0.3635, 0.3640



75.4258, 0.3315, 0.3767



75.4258, 0.2641, 0.2921



75.4258, 0.2925, 0.2855

Sweetspot

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



75.4293, 0.3635, 0.3640



92.2496, 0.3256, 0.3387



61.1682, 0.3422, 0.2922



19.4451, 0.3282, 0.3406



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.



75.4293, 0.3635, 0.3640



71.1658, 0.3761, 0.3714



95.5302, 0.3547, 0.3968



19.4451, 0.3282, 0.3406



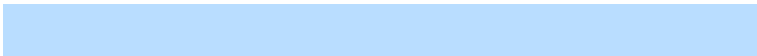
18.9369, 0.5451, 0.4054



2.0615, 0.5270, 0.4198

Inverse Universe

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



69.2093, 0.2688, 0.2912



63.9955, 0.2597, 0.2823



52.7012, 0.2647, 0.2508



18.9211, 0.2979, 0.3171



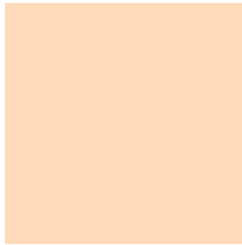
12.5555, 0.1783, 0.1620



1.4413, 0.1840, 0.1822

Previews

White Background



This preview shows how the Yxy color 75.4258, 0.3635, 0.3640 looks on a white background.

Color Contrast Check

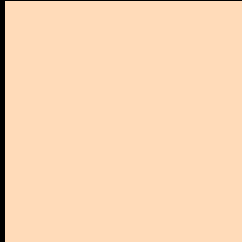
Large Text (above 18pt) WCAG AA × Fail

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 75.4258, 0.3635, 0.3640 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 75.4258, 0.3635, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 75.4258, 0.3635, 0.3640.

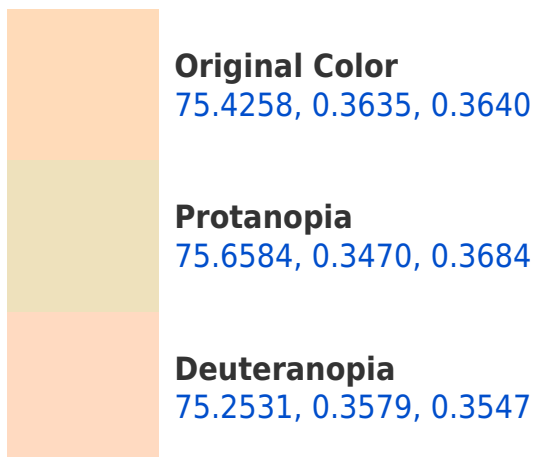


This preview shows how white text looks on a background with the Yxy color 75.4258, 0.3635, 0.3640.

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

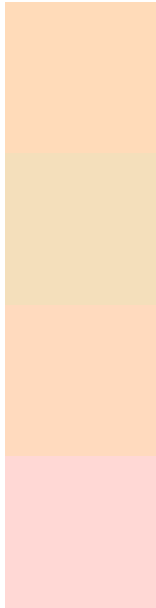




Tritanopia

75.5180, 0.3324, 0.3150

Trichromacy



Original Color

75.4258, 0.3635, 0.3640

Protanomaly

75.5963, 0.3527, 0.3669

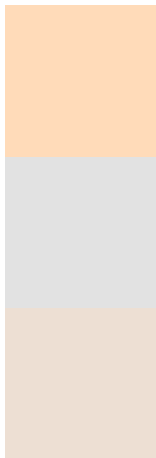
Deuteranomaly

75.1205, 0.3601, 0.3578

Tritanomaly

75.1758, 0.3438, 0.3321

Monochromacy



Original Color

75.4258, 0.3635, 0.3640

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4830, 0.3308, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4258, 0.3635, 0.3640 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(255, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 185)  
}
```

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(255, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 75.4258, 0.3635, 0.3640 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(255, 219, 185) }
```

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

```
.border{ border-color:rgb(255, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4258, 0.3635, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 185) }
```

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

```
.background{ background-color: rgb(255,  
219, 185) }
```

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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