

Converting Colors

$Y_{xy}(100.0000, 0.4419, 0.3547)$

Have a look what the booklet for
Yxy(100.0000, 0.4419, 0.3547)
contains.

Yxy(74.3046, 0.3655, 0.3640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.3046, 0.3655, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B7
RGB	255, 217, 183
RGB Percent	100%, 85%, 72%
CMY	0.0000, 0.1490, 0.2823
CMYK	0.00, 0.15, 0.28, 0.00
HSL	28°, 100%, 86%
HSV	28°, 28%, 100%
XYZ	74.6108, 74.3046, 55.2181
YIQ	224.4860, 33.5620, -2.5180

Conversions

Conversions Part 2

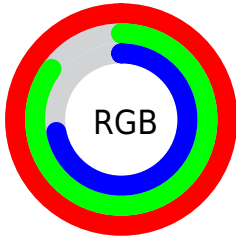
Format	Color
R _Y B	255, 247, 183
Decimal	16767415
CIE Lab	89.07, 8.37, 21.66
CIE LCh	89, 23.217, 68.880
Yxy	74.3046, 0.3655, 0.3640
Android (android.graphics.Color)	4294957495 (0xFFFFD9B7)
YUV	224.4860, -20.4526, 26.7608
Hunter-Lab	86.2001, 3.6511, 22.3601

Details

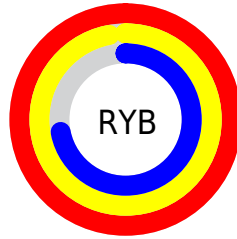
The Yxy color **74.3046, 0.3655, 0.3640** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.0156, 0.2677, 0.2911**, and the grayscale version is **75.0355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **39.3227, 0.3775, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **66.6738, 0.3892, 0.3769**, and if you desaturate by 10%, it is **82.6877, 0.3444, 0.3511**.

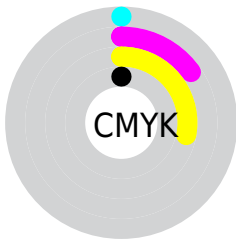
Distribution



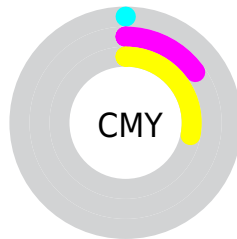
- Red (100%)
- Green (85%)
- Blue (72%)



- Red (100%)
- Yellow (97%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3046, 0.3655, 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 74.3046, 0.3655, 0.3640 by changing the saturation by 10% instead.

 74.3046, 0.3655,
0.3640

 74.3046, 0.3655,
0.3640


475.5240, 0.3411,
0.3483

 55.0434, 0.3711,
0.3674

 125.3275, 0.3570,
0.3587

 39.4365, 0.3779,
0.3716

157.8580, 0.3537,
0.3566

 27.0994, 0.3865,
0.3767


195.5803, 0.3509,
0.3547

 17.6479, 0.3977,
0.3831

238.8789, 0.3484,
0.3531

 10.6975, 0.4127,
0.3913

288.1382, 0.3462,
0.3517

 5.8638, 0.4337,
0.4021

343.7426, 0.3443,

 2.7624, 0.4653,

0.3505

0.4165

406.0763, 0.3426,
0.3493

■ 1.0090, 0.5431,
0.4569

■ 0.0000, 1.0000,
0.0000

■ 74.3046, 0.3655,
0.3640

■ 74.3046, 0.3655,
0.3640

■ 66.6738, 0.3892,
0.3769

■ 82.6877, 0.3444,
0.3511

■ 59.7810, 0.4155,
0.3891

■ 91.8553, 0.3260,
0.3387

■ 53.5977, 0.4438,
0.3997

100.0000, 0.3127,
0.3290

■ 48.0968, 0.4730,
0.4074

■ 43.2487, 0.5014,
0.4108

■ 39.0204, 0.5271,
0.4089

■ 35.3720, 0.5484,
0.4015

■ 34.7790, 0.5520,
0.3999

Harmonies

Analogous

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



74.3046, 0.3666, 0.3430



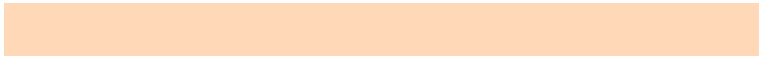
74.3046, 0.3655, 0.3640



74.3046, 0.3498, 0.3769

Triad

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



74.3046, 0.3655, 0.3640



74.3046, 0.2740, 0.3369



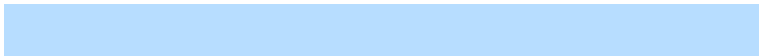
74.3046, 0.2992, 0.2862

Complementary

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



74.3046, 0.3655, 0.3640



69.0156, 0.2677, 0.2911

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.



74.3046, 0.2757, 0.2833



74.3046, 0.3655, 0.3640



74.3046, 0.2617, 0.3111

Square

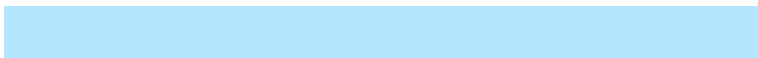
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3046, 0.3655, 0.3640



74.3046, 0.2967, 0.3616



74.3046, 0.2623, 0.2918



74.3046, 0.3274, 0.2994

Rectangle

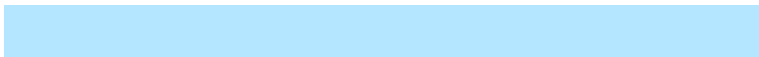
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3046, 0.3655, 0.3640



74.3046, 0.3335, 0.3783



74.3046, 0.2623, 0.2918



74.3046, 0.2905, 0.2840

Sweetspot

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



74.3014, 0.3655, 0.3640



92.0741, 0.3256, 0.3384



60.3764, 0.3423, 0.2899



19.4010, 0.3282, 0.3402



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.



74.3014, 0.3655, 0.3640



69.8080, 0.3788, 0.3715



94.6783, 0.3561, 0.3977



19.4010, 0.3282, 0.3402



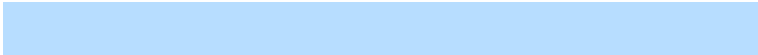
18.4664, 0.5493, 0.4021



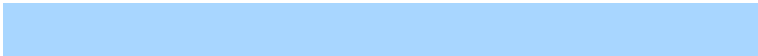
2.0147, 0.5306, 0.4169

Inverse Universe

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



69.0156, 0.2677, 0.2911



63.7107, 0.2582, 0.2821



52.1620, 0.2633, 0.2496



18.9655, 0.2979, 0.3175



13.0765, 0.1797, 0.1668



1.4921, 0.1852, 0.1866

Previews

White Background



This preview shows how the Yxy color 74.3046, 0.3655, 0.3640 looks on a white background.

Color Contrast Check

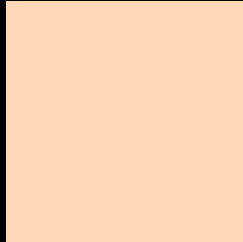
Large Text (above 18pt) WCAG AA × Fail

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 74.3046, 0.3655, 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 74.3046, 0.3655, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 74.3046, 0.3655, 0.3640.

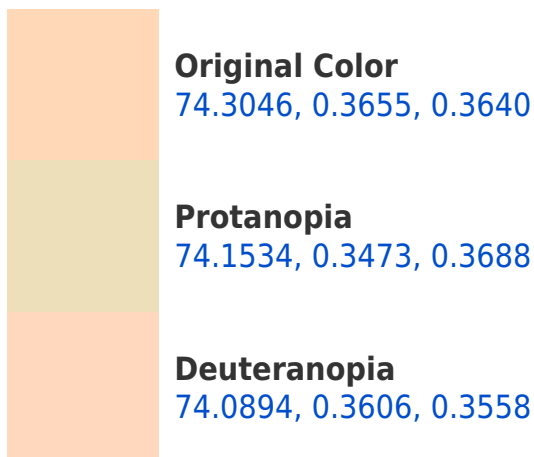


This preview shows how white text looks on a background with the Yxy color 74.3046, 0.3655, 0.3640.

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

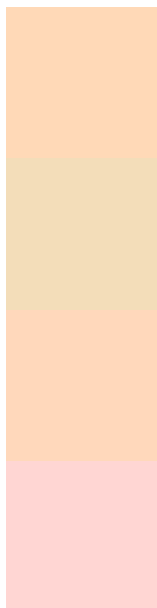




Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.3046, 0.3655, 0.3640

Protanomaly

74.2704, 0.3538, 0.3671

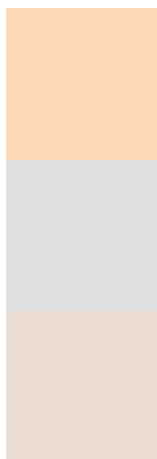
Deuteranomaly

73.9596, 0.3628, 0.3589

Tritanomaly

74.0563, 0.3455, 0.3321

Monochromacy



Original Color

74.3046, 0.3655, 0.3640

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9785, 0.3309, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3046, 0.3655, 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, 217, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 183)  
}
```

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, 217, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 183) }
```

Border

The CSS property to change the border of an element to Yxy 74.3046, 0.3655, 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, 217, 183) }
```

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

```
.border{ border-color:rgb(255, 217, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3046, 0.3655, 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, 217, 183) }
```

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

```
.background{ background-color: rgb(255,  
217, 183) }
```

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