

Converting Colors

$Y_{xy}(133.6650, 0.4923, 0.3471)$

Have a look what the booklet for
Yxy(133.6650, 0.4923, 0.3471)
contains.

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Color

Yxy(74.3885, 0.3640, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B9
RGB	255, 217, 185
RGB Percent	100%, 85%, 73%
CMY	0.0001, 0.1489, 0.2746
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 100%, 86%
HSV	27°, 27%, 100%
XYZ	74.7995, 74.3885, 56.3051
YIQ	224.7140, 32.9200, -1.8960

Conversions

Conversions Part 2

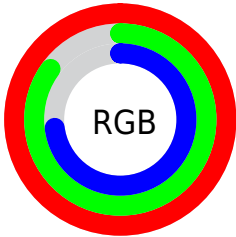
Format	Color
R _Y B	255, 244, 185
Decimal	16767417
CIE Lab	89.11, 8.58, 20.69
CIE LCh	89, 22.396, 67.464
Yxy	74.3885, 0.3640, 0.3620
Android (android.graphics.Color)	4294957497 (0xFFFFD9B9)
YUV	224.7140, -19.5790, 26.5608
Hunter-Lab	86.2488, 3.8693, 21.6683

Details

The Yxy color **74.3885, 0.3640, 0.3620** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.2694, 0.2690, 0.2935**, and the grayscale version is **75.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **39.3769, 0.3756, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **66.5778, 0.3878, 0.3746**, and if you desaturate by 10%, it is **82.9963, 0.3430, 0.3495**.

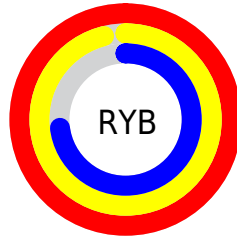
Distribution



Red (100%)

Green (85%)

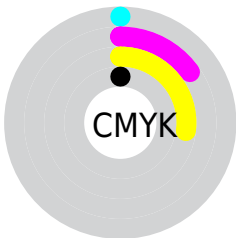
Blue (73%)



Red (100%)

Yellow (96%)

Blue (73%)

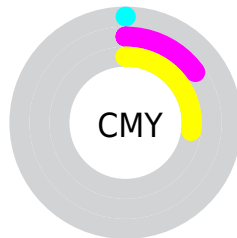


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3885, 0.3640, 0.3620 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 74.3885, 0.3640, 0.3620 by changing the saturation by 10% instead.


 74.3885, 0.3640,
0.3620

 74.3885, 0.3640,
0.3620

475.8131, 0.3402,
0.3472

 55.1121, 0.3694,
0.3652


 125.4464, 0.3558,
0.3570

 39.4915, 0.3761,
0.3691


157.9966, 0.3526,
0.3550

 27.1423, 0.3845,
0.3740


195.7403, 0.3498,
0.3533

 17.6801, 0.3954,
0.3800


239.0617, 0.3474,
0.3518

 10.7206, 0.4100,
0.3878

288.3453, 0.3453,
0.3504

 5.8793, 0.4306,
0.3980

343.9755, 0.3434,

 2.7718, 0.4614,

0.3493

0.4114

406.3366, 0.3417,
0.3482

1.0138, 0.5444,
0.4556

0.0000, 1.0000,
0.0000

74.3885, 0.3640,
0.3620

74.3885, 0.3640,
0.3620

66.5778, 0.3878,
0.3746

82.9963, 0.3430,
0.3495

59.5290, 0.4143,
0.3865

92.4144, 0.3247,
0.3375

53.2191, 0.4430,
0.3969

99.9939, 0.3127,
0.3290

47.6198, 0.4728,
0.4045

■ 42.7005, 0.5021,
0.4080

■ 38.4270, 0.5288,
0.4062

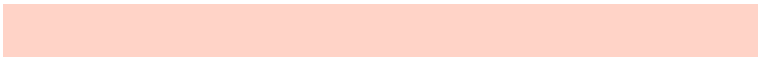
■ 34.7593, 0.5510,
0.3989

■ 33.9099, 0.5562,
0.3966

Harmonies

Analogous

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



74.3885, 0.3643, 0.3415



74.3885, 0.3640, 0.3620



74.3885, 0.3494, 0.3748

Triad

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



74.3885, 0.3640, 0.3620



74.3885, 0.2762, 0.3379



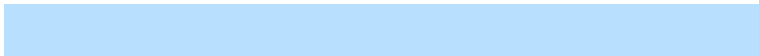
74.3885, 0.2985, 0.2873

Complementary

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



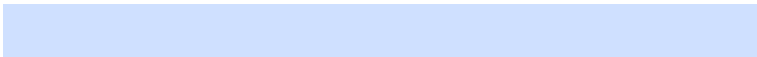
74.3885, 0.3640, 0.3620



70.2694, 0.2690, 0.2935

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.



74.3885, 0.2761, 0.2850



74.3885, 0.3640, 0.3620



74.3885, 0.2637, 0.3129

Square

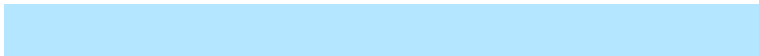
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3885, 0.3640, 0.3620



74.3885, 0.2985, 0.3613



74.3885, 0.2637, 0.2938



74.3885, 0.3256, 0.2996

Rectangle

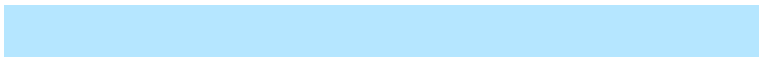
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3885, 0.3640, 0.3620



74.3885, 0.3340, 0.3766



74.3885, 0.2637, 0.2938



74.3885, 0.2902, 0.2853

Sweetspot

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



74.3919, 0.3640, 0.3620



91.8993, 0.3257, 0.3381



61.2985, 0.3403, 0.2899



19.3570, 0.3283, 0.3399



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.



74.3919, 0.3640, 0.3620



69.9774, 0.3769, 0.3690



94.0437, 0.3552, 0.3947



19.3570, 0.3283, 0.3399



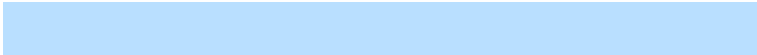
18.0140, 0.5534, 0.3988



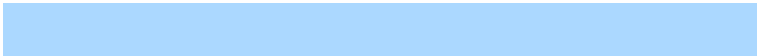
1.9693, 0.5343, 0.4139

Inverse Universe

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



70.2694, 0.2690, 0.2935



65.2190, 0.2600, 0.2851



53.7034, 0.2650, 0.2535



19.0099, 0.2979, 0.3178



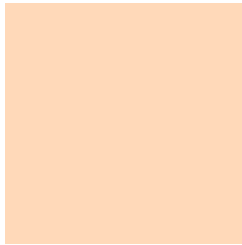
13.6137, 0.1810, 0.1717



1.5441, 0.1864, 0.1910

Previews

White Background



This preview shows how the Yxy color 74.3885, 0.3640, 0.3620 looks on a white background.

Color Contrast Check

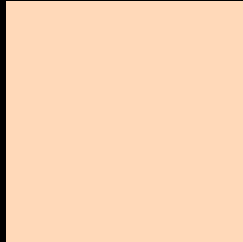
Large Text (above 18pt) WCAG AA × Fail

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 74.3885, 0.3640, 0.3620 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 74.3885, 0.3640, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 74.3885, 0.3640, 0.3620.

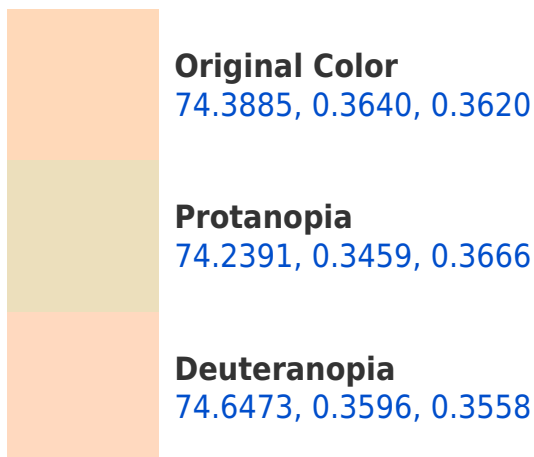


This preview shows how white text looks on a background with the Yxy color 74.3885, 0.3640, 0.3620.

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

74.3885, 0.3640, 0.3620

Protanomaly

74.3554, 0.3524, 0.3650

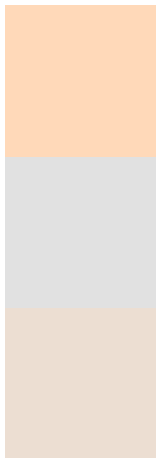
Deuteranomaly

74.5598, 0.3611, 0.3578

Tritanomaly

74.1066, 0.3448, 0.3311

Monochromacy



Original Color

74.3885, 0.3640, 0.3620

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7286, 0.3309, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3885, 0.3640, 0.3620 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 185) }
```

Border

The CSS property to change the border of an element to Yxy 74.3885, 0.3640, 0.3620 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, 185) }
```

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

```
.border{ border-color:rgb(255, 217, 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, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3885, 0.3640, 0.3620 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, 185) }
```

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

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