

Converting Colors

$Yxy(74.0587, 0.3570, 0.3501)$

Have a look what the booklet for
Yxy(74.0587, 0.3570, 0.3501)
contains.

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Color

Yxy(74.3119, 0.3569, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C3
RGB	255, 216, 195
RGB Percent	100%, 85%, 76%
CMY	0.0000, 0.1529, 0.2352
CMYK	0.00, 0.15, 0.24, 0.00
HSL	21°, 100%, 88%
HSV	21°, 24%, 100%
XYZ	75.6472, 74.3119, 61.9972
YIQ	225.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

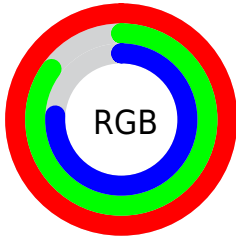
Format	Color
R _Y B	255, 227, 195
Decimal	16767171
CIE Lab	89.07, 10.48, 15.39
CIE LCh	89, 18.615, 55.749
Yxy	74.3119, 0.3569, 0.3506
Android (android.graphics.Color)	4294957251 (0xFFFFD8C3)
YUV	225.2670, -14.9216, 26.0758
Hunter-Lab	86.2044, 5.7822, 17.7023

Details

The Yxy color **74.3119, 0.3569, 0.3506** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6774, 0.2760, 0.3063**, and the grayscale version is **75.5932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **39.4186, 0.3682, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **65.1878, 0.3813, 0.3604**, and if you desaturate by 10%, it is **84.4967, 0.3360, 0.3411**.

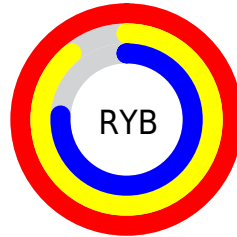
Distribution



Red (100%)

Green (85%)

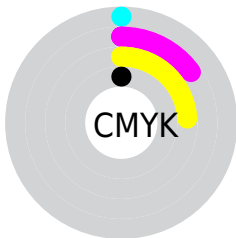
Blue (76%)



Red (100%)

Yellow (89%)

Blue (76%)

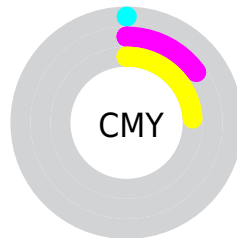


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3119, 0.3569, 0.3506 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 74.3119, 0.3569, 0.3506 by changing the saturation by 10% instead.

 74.3119, 0.3569,
0.3506

 74.3119, 0.3569,
0.3506


475.5491, 0.3364,
0.3410

 55.0494, 0.3616,
0.3527

125.3378, 0.3498,
0.3473

 39.4412, 0.3674,
0.3552


157.8700, 0.3470,
0.3461

 27.1032, 0.3748,
0.3583


195.5942, 0.3446,
0.3449

 17.6507, 0.3844,
0.3623

238.8948, 0.3425,
0.3440

 10.6995, 0.3974,
0.3673

288.1562, 0.3407,
0.3431

 5.8652, 0.4161,
0.3739

343.7628, 0.3391,

 2.7633, 0.4447,

0.3423

0.3827

406.0990, 0.3377,
0.3416

■ 1.0094, 0.5522,
0.4401

■ 0.0000, 1.0000,
0.0000

■ 74.3119, 0.3569,
0.3506

■ 74.3119, 0.3569,
0.3506

■ 65.1878, 0.3813,
0.3604

■ 84.4967, 0.3360,
0.3411

■ 57.0791, 0.4093,
0.3698

■ 95.7657, 0.3183,
0.3320

■ 49.9516, 0.4409,
0.3783

99.9996, 0.3127,
0.3290

■ 43.7657, 0.4752,
0.3846

■ 38.4782, 0.5103,
0.3875

■ 34.0424, 0.5436,
0.3858

■ 30.4056, 0.5718,
0.3789

■ 28.4412, 0.5868,
0.3723

Harmonies

Analogous

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



74.3119, 0.3522, 0.3323



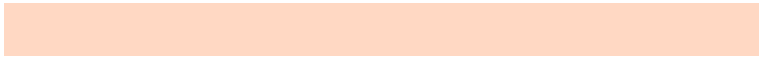
74.3119, 0.3569, 0.3506



74.3119, 0.3492, 0.3641

Triad

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



74.3119, 0.3569, 0.3506



74.3119, 0.2888, 0.3445



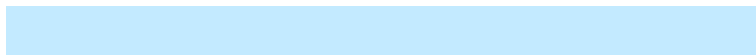
74.3119, 0.2929, 0.2922

Complementary

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



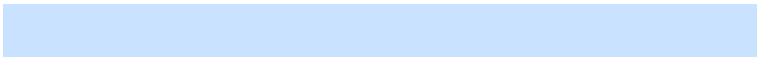
74.3119, 0.3569, 0.3506



77.6774, 0.2760, 0.3063

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.



74.3119, 0.2769, 0.2940



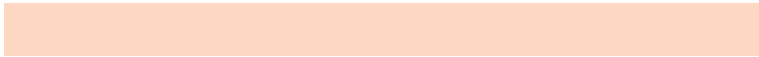
74.3119, 0.3569, 0.3506



74.3119, 0.2747, 0.3236

Square

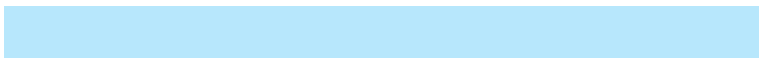
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3119, 0.3569, 0.3506



74.3119, 0.3096, 0.3613



74.3119, 0.2704, 0.3052



74.3119, 0.3146, 0.2994

Rectangle

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



74.3119, 0.3569, 0.3506



74.3119, 0.3384, 0.3682



74.3119, 0.2704, 0.3052



74.3119, 0.2867, 0.2918

Sweetspot

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



74.3153, 0.3569, 0.3506



91.7214, 0.3241, 0.3351



66.2973, 0.3301, 0.2889



19.4848, 0.3252, 0.3357



0.0000, 0.0000, 0.0000



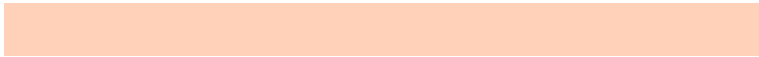
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3153, 0.3569, 0.3506



70.1000, 0.3674, 0.3550



90.5066, 0.3505, 0.3788



19.0265, 0.3286, 0.3374



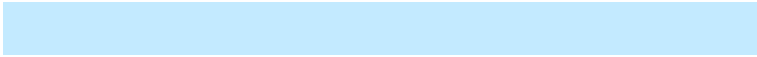
15.1131, 0.5838, 0.3746



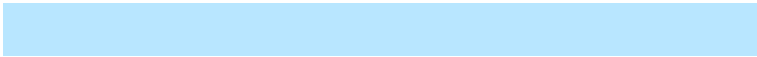
1.6672, 0.5621, 0.3919

Inverse Universe

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



77.6774, 0.2760, 0.3063



73.9647, 0.2691, 0.3014



62.4951, 0.2733, 0.2738



19.3489, 0.2980, 0.3205



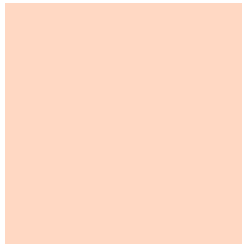
18.2718, 0.1917, 0.2099



1.9841, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 74.3119, 0.3569, 0.3506 looks on a white background.

Color Contrast Check

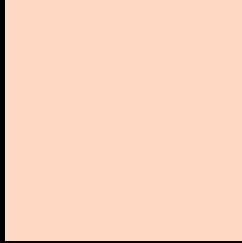
Large Text (above 18pt) WCAG AA × Fail

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 74.3119, 0.3569, 0.3506 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 74.3119, 0.3569, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 74.3119, 0.3569, 0.3506.



This preview shows how white text looks on a background with the Yxy color 74.3119, 0.3569, 0.3506.

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

74.3119, 0.3569, 0.3506

Protanopia

74.3913, 0.3368, 0.3548

Deuteranopia

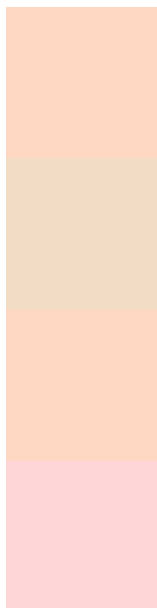
74.3573, 0.3562, 0.3496



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.3119, 0.3569, 0.3506

Protanomaly

74.1409, 0.3440, 0.3523

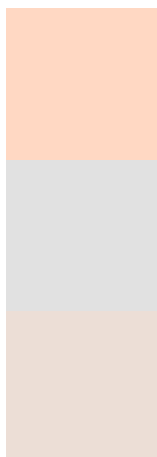
Deuteranomaly

74.3573, 0.3562, 0.3496

Tritanomaly

74.2594, 0.3426, 0.3281

Monochromacy



Original Color

74.3119, 0.3569, 0.3506

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9305, 0.3281, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3119, 0.3569, 0.3506 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, 216, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 195)  
}
```

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, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 195) }
```

Border

The CSS property to change the border of an element to Yxy 74.3119, 0.3569, 0.3506 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, 216, 195) }
```

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

```
.border{ border-color:rgb(255, 216, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3119, 0.3569, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 195) }
```

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

```
.background{ background-color: rgb(255,  
216, 195) }
```

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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