

Converting Colors

$Y_{xy}(74.3830, 0.3530, 0.3605)$

Have a look what the booklet for
Yxy(74.3830, 0.3530, 0.3605)
contains.

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Color

Yxy(74.4969, 0.3528, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	F6DCBE
RGB	246, 220, 190
RGB Percent	96%, 86%, 75%
CMY	0.0351, 0.1373, 0.2549
CMYK	0.00, 0.11, 0.23, 0.04
HSL	32°, 76%, 85%
HSV	32°, 23%, 96%
XYZ	72.9057, 74.4969, 59.2462
YIQ	224.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

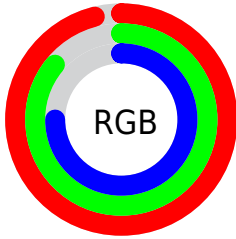
Format	Color
R _Y B	239, 246, 190
Decimal	16178366
CIE Lab	89.16, 4.43, 18.03
CIE LCh	89, 18.563, 76.179
Yxy	74.4969, 0.3528, 0.3605
Android (android.graphics.Color)	4294368446 (0xFFF6DCBE)
YUV	224.3540, -16.9365, 18.9835
Hunter-Lab	86.3116, -0.2698, 19.7201

Details

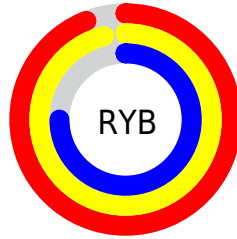
The Yxy color **74.4969, 0.3528, 0.3605** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.7419, 0.2763, 0.2953**, and the grayscale version is **74.9229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **39.5352, 0.3616, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **67.7136, 0.3741, 0.3750**, and if you desaturate by 10%, it is **81.8794, 0.3338, 0.3462**.

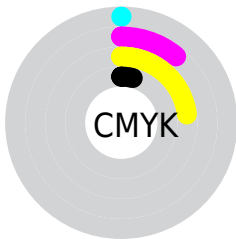
Distribution



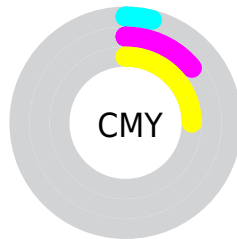
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (94%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4969, 0.3528, 0.3605 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 74.4969, 0.3528, 0.3605 by changing the saturation by 10% instead.


 74.4969, 0.3528,
0.3605

 74.4969, 0.3528,
0.3605


476.1866, 0.3343,
0.3462

 55.2008, 0.3570,
0.3637


 125.5999, 0.3464,
0.3556

 39.5625, 0.3622,
0.3676

158.1757, 0.3439,
0.3537

 27.1976, 0.3688,
0.3725


195.9468, 0.3417,
0.3520

 17.7217, 0.3773,
0.3787

239.2977, 0.3399,
0.3505

 10.7504, 0.3888,
0.3870

288.6127, 0.3382,
0.3493

 5.8992, 0.4050,
0.3982

344.2763, 0.3367,

 2.7839, 0.4293,

0.3481

0.4142

406.6728, 0.3354,
0.3471

■ 1.0200, 0.5174,
0.4826

■ 0.0000, 1.0000,
0.0000

■ 74.4969, 0.3528,
0.3605

■ 74.4969, 0.3528,
0.3605

■ 67.7136, 0.3741,
0.3750

■ 81.8794, 0.3338,
0.3462

■ 61.5021, 0.3976,
0.3893

■ 89.8675, 0.3170,
0.3326

■ 55.8475, 0.4228,
0.4024

■ 97.8997, 0.3072,
0.3283

■ 50.7302, 0.4490,
0.4132

■ 98.3420, 0.3072,
0.3290

■ 46.1290, 0.4750,
0.4205

■ 42.0203, 0.4991,
0.4231

■ 38.3774, 0.5200,
0.4202

■ 36.0137, 0.5329,
0.4151

Harmonies

Analogous

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



74.4969, 0.3566, 0.3450



74.4969, 0.3528, 0.3605



74.4969, 0.3380, 0.3681

Triad

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



74.4969, 0.3528, 0.3605



74.4969, 0.2783, 0.3303



74.4969, 0.3074, 0.2963

Complementary

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



74.4969, 0.3528, 0.3605



66.7419, 0.2763, 0.2953

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.



74.4969, 0.2870, 0.2919



74.4969, 0.3528, 0.3605



74.4969, 0.2707, 0.3105

Square

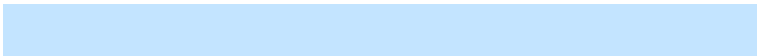
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4969, 0.3528, 0.3605



74.4969, 0.2950, 0.3506



74.4969, 0.2739, 0.2968



74.4969, 0.3299, 0.3087

Rectangle

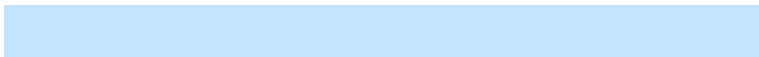
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4969, 0.3528, 0.3605



74.4969, 0.3243, 0.3671



74.4969, 0.2739, 0.2968



74.4969, 0.3001, 0.2939

Sweetspot

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



74.5003, 0.3528, 0.3605



93.7224, 0.3238, 0.3383



61.3911, 0.3383, 0.3016



19.9479, 0.3249, 0.3391



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

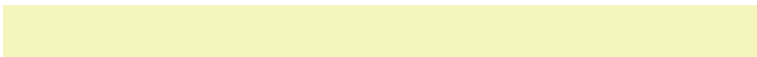
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5003, 0.3528, 0.3605



77.5828, 0.3616, 0.3667



88.9255, 0.3459, 0.3862



17.9512, 0.3280, 0.3417



19.4978, 0.5305, 0.4170



1.9193, 0.5128, 0.4311

Inverse Universe

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



66.7419, 0.2763, 0.2953



67.9025, 0.2692, 0.2881



54.6685, 0.2752, 0.2651



17.1966, 0.2980, 0.3160



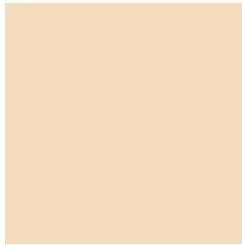
10.2936, 0.1739, 0.1462



1.1083, 0.1805, 0.1698

Previews

White Background



This preview shows how the Yxy color 74.4969, 0.3528, 0.3605 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 74.4969, 0.3528, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

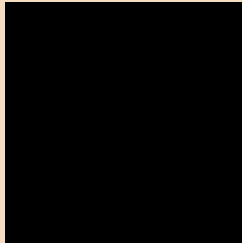
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

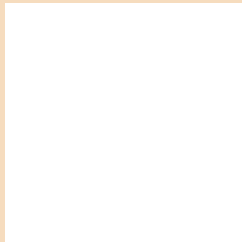
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4969, 0.3528, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 74.4969, 0.3528, 0.3605.

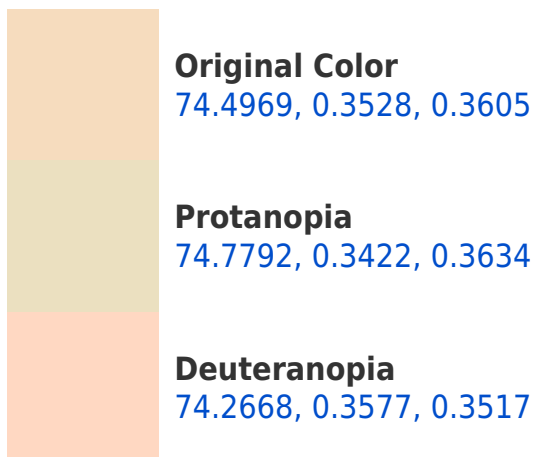


This preview shows how white text looks on a background with the Yxy color 74.4969, 0.3528, 0.3605.

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

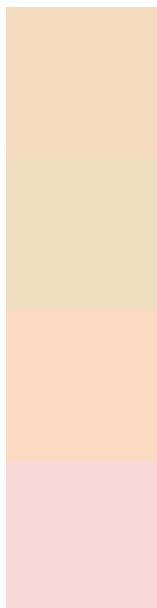




Tritanopia

74.3719, 0.3282, 0.3119

Trichromacy



Original Color

74.4969, 0.3528, 0.3605

Protanomaly

74.8877, 0.3461, 0.3631

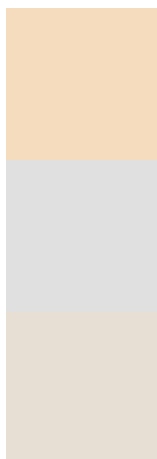
Deuteranomaly

74.1714, 0.3558, 0.3539

Tritanomaly

74.2093, 0.3371, 0.3291

Monochromacy



Original Color

74.4969, 0.3528, 0.3605

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6846, 0.3265, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4969, 0.3528, 0.3605 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(246, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 190)  
}
```

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(246, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 190) }
```

Border

The CSS property to change the border of an element to Yxy 74.4969, 0.3528, 0.3605 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(246, 220, 190) }
```

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

```
.border{ border-color:rgb(246, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4969, 0.3528, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 190) }
```

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

```
.background{ background-color: rgb(246,  
220, 190) }
```

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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