

# Converting Colors

$Yxy(74.1641, 0.3504, 0.3598)$

Have a look what the booklet for  
Yxy(74.1641, 0.3504, 0.3598)  
contains.

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# Color

**Yxy(74.1811, 0.3505, 0.3596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DCBF
RGB	244, 220, 191
RGB Percent	96%, 86%, 75%
CMY	0.0432, 0.1372, 0.2509
CMYK	0.00, 0.10, 0.22, 0.04
HSL	33°, 71%, 85%
HSV	33°, 22%, 96%
XYZ	72.3039, 74.1811, 59.8028
YIQ	223.8700, 23.6130, -3.9310

# Conversions

## Conversions Part 2

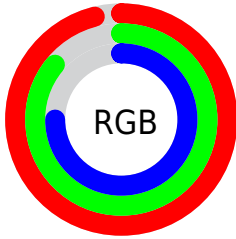
Format	Color
RYP	235, 244, 191
Decimal	16047295
CIELab	89.01, 3.81, 17.26
CIElCh	89, 17.676, 77.542
Yxy	74.1811, 0.3505, 0.3596
Android (android.graphics.Color)	4294237375 (0xFFF4DCBF)
YUV	223.8700, -16.2049, 17.6540
Hunter-Lab	86.1285, -0.8760, 19.1222

# Details

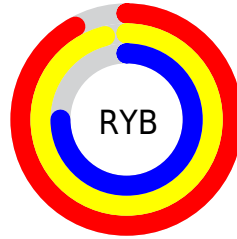
The Yxy color **74.1811, 0.3505, 0.3596** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66.2066, 0.2780, 0.2963**, and the grayscale version is **74.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.3100, 0.3587, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **67.5903, 0.3714, 0.3744**, and if you desaturate by 10%, it is **81.3406, 0.3318, 0.3451**.

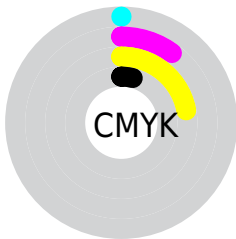
# Distribution



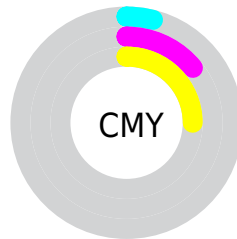
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (92%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (4%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1811, 0.3505, 0.3596 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 74.1811, 0.3505, 0.3596 by changing the saturation by 10% instead.





 74.1811, 0.3505,  
0.3596

 74.1811, 0.3505,  
0.3596


475.0982, 0.3330,  
0.3457

 54.9423, 0.3545,  
0.3627


 125.1525, 0.3444,  
0.3548

 39.3555, 0.3594,  
0.3666


157.6539, 0.3421,  
0.3529

 27.0364, 0.3656,  
0.3713


195.3449, 0.3401,  
0.3513

 17.6006, 0.3736,  
0.3775

238.6099, 0.3383,  
0.3499

 10.6636, 0.3845,  
0.3856

287.8333, 0.3367,  
0.3486

 5.8411, 0.3999,  
0.3969

343.3996, 0.3354,

 2.7487, 0.4232,

0.3475

0.4131

405.6931, 0.3341,  
0.3465

■ 1.0020, 0.5134,  
0.4866

■ 0.0000, 0.0000,  
0.0000

■ 74.1811, 0.3505,  
0.3596

■ 74.1811, 0.3505,  
0.3596

■ 67.5903, 0.3714,  
0.3744

■ 81.3406, 0.3318,  
0.3451

■ 61.5419, 0.3943,  
0.3890

■ 89.0742, 0.3153,  
0.3313

■ 56.0222, 0.4190,  
0.4026

■ 96.7925, 0.3060,  
0.3272

■ 51.0128, 0.4447,  
0.4140

■ 97.9716, 0.3060,  
0.3290

■ 46.4938, 0.4702,  
0.4220

■ 42.4432, 0.4940,  
0.4254

■ 38.8360, 0.5147,  
0.4234

■ 36.1556, 0.5292,  
0.4180

# Harmonies

## Analogous

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



74.1811, 0.3546, 0.3451



74.1811, 0.3505, 0.3596



74.1811, 0.3361, 0.3664

# Triad

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



74.1811, 0.3505, 0.3596



74.1811, 0.2794, 0.3294



74.1811, 0.3086, 0.2982

# Complementary

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



74.1811, 0.3505, 0.3596



66.2066, 0.2780, 0.2963

# 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.



74.1811, 0.2890, 0.2936



74.1811, 0.3505, 0.3596



74.1811, 0.2726, 0.3107

# Square

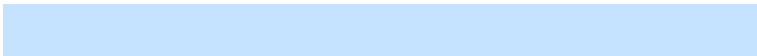
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1811, 0.3505, 0.3596



74.1811, 0.2950, 0.3488



74.1811, 0.2760, 0.2978



74.1811, 0.3300, 0.3103



# Rectangle

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



74.1811, 0.3505, 0.3596



74.1811, 0.3228, 0.3651



74.1811, 0.2760, 0.2978



74.1811, 0.3016, 0.2957

# Sweetspot

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



74.1844, 0.3505, 0.3596



93.8556, 0.3238, 0.3385



61.4420, 0.3368, 0.3030



19.9788, 0.3248, 0.3394



0.0000, 0.0000, 0.0000

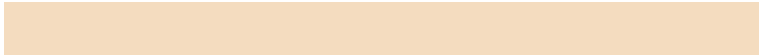


21.4041, 0.3127, 0.3290



# Same Dimension

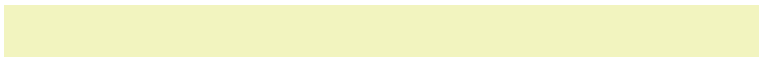
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1844, 0.3505, 0.3596



78.7648, 0.3593, 0.3660



87.3756, 0.3443, 0.3835



17.9859, 0.3280, 0.3420



19.9379, 0.5269, 0.4198



1.9576, 0.5097, 0.4335



# Inverse Universe

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



66.2066, 0.2780, 0.2963



68.5136, 0.2708, 0.2889



55.1055, 0.2772, 0.2685



17.1622, 0.2980, 0.3157



9.9335, 0.1729, 0.1423

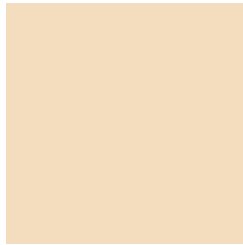


1.0755, 0.1795, 0.1661



# Previews

## White Background



This preview shows how the Yxy color 74.1811, 0.3505, 0.3596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

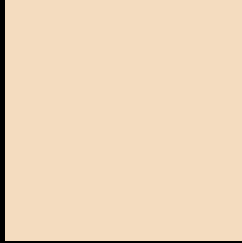
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.1811, 0.3505, 0.3596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

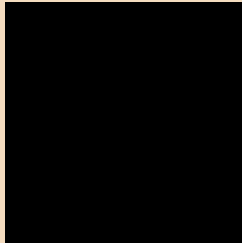
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

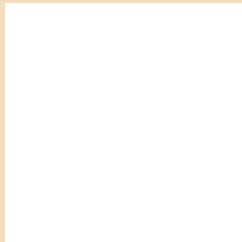
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.1811, 0.3505, 0.3596**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.1811, 0.3505, 0.3596.



This preview shows how white text looks on a background with the Yxy color 74.1811, 0.3505, 0.3596.

# 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

74.1811, 0.3505, 0.3596

### Protanopia

74.2878, 0.3417, 0.3612

### Deuteranopia

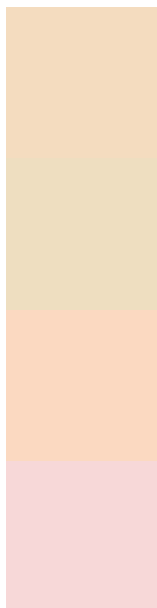
74.2668, 0.3577, 0.3517



## Tritanopia

74.0024, 0.3267, 0.3118

# Trichromacy



## Original Color

74.1811, 0.3505, 0.3596

## Protanomaly

74.2255, 0.3449, 0.3611

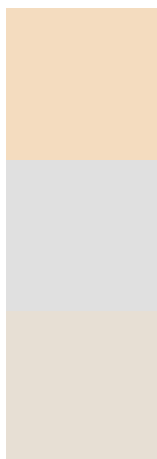
## Deuteranomaly

73.9852, 0.3551, 0.3539

## Tritanomaly

73.8438, 0.3356, 0.3291

# Monochromacy



## Original Color

74.1811, 0.3505, 0.3596

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

74.5177, 0.3257, 0.3408

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.1811, 0.3505, 0.3596 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(244, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 191)  
}
```

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(244, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 74.1811, 0.3505, 0.3596 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(244, 220, 191) }
```

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

```
.border{ border-color:rgb(244, 220, 191) }
```

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

Here you see how a box with a 4 pixel rgb(244, 220, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.1811, 0.3505, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 191) }
```

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

```
.background{ background-color: rgb(244,  
220, 191) }
```

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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