

Converting Colors

$Y_{xy}(74.3581, 0.3513, 0.3595)$

Have a look what the booklet for
Yxy(74.3581, 0.3513, 0.3595)
contains.

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Color

Yxy(74.3605, 0.3513, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	F5DCBF
RGB	245, 220, 191
RGB Percent	96%, 86%, 75%
CMY	0.0391, 0.1373, 0.2509
CMYK	0.00, 0.10, 0.22, 0.04
HSL	32°, 73%, 86%
HSV	32°, 22%, 96%
XYZ	72.6644, 74.3605, 59.8194
YIQ	224.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

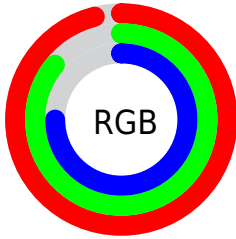
Format	Color
R _Y B	238, 245, 191
Decimal	16112831
CIE Lab	89.09, 4.21, 17.39
CIE LCh	89, 17.892, 76.404
Yxy	74.3605, 0.3513, 0.3595
Android (android.graphics.Color)	4294302911 (0xFFF5DCBF)
YUV	224.1690, -16.3523, 18.2688
Hunter-Lab	86.2325, -0.4928, 19.2334

Details

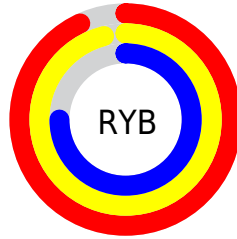
The Yxy color **74.3605, 0.3513, 0.3595** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66.8152, 0.2775, 0.2965**, and the grayscale version is **74.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.4366, 0.3597, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **67.6118, 0.3724, 0.3741**, and if you desaturate by 10%, it is **81.7016, 0.3325, 0.3453**.

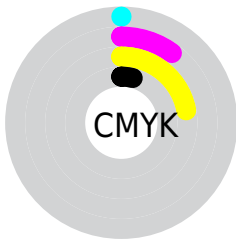
Distribution



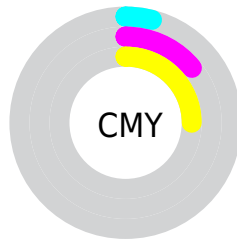
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (93%)
- 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 74.3605, 0.3513, 0.3595 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 74.3605, 0.3513, 0.3595 by changing the saturation by 10% instead.


 74.3605, 0.3513,
0.3595

 74.3605, 0.3513,
0.3595


475.7166, 0.3335,
0.3456

 55.0891, 0.3554,
0.3626

 125.4067, 0.3451,
0.3547

 39.4731, 0.3604,
0.3664


157.9504, 0.3427,
0.3529

 27.1280, 0.3667,
0.3711


195.6869, 0.3406,
0.3513

 17.6694, 0.3749,
0.3772

239.0007, 0.3388,
0.3498

 10.7129, 0.3860,
0.3853

288.2762, 0.3372,
0.3486

 5.8741, 0.4017,
0.3964

343.8977, 0.3358,

 2.7687, 0.4254,

0.3475

0.4122

406.2498, 0.3346,
0.3465

■ 1.0122, 0.5159,
0.4841

■ 0.0000, 1.0000,
0.0000

■ 74.3605, 0.3513,
0.3595

■ 74.3605, 0.3513,
0.3595

■ 67.6118, 0.3724,
0.3741

■ 81.7016, 0.3325,
0.3453

■ 61.4286, 0.3957,
0.3884

■ 89.6412, 0.3159,
0.3317

■ 55.7961, 0.4207,
0.4016

■ 97.5693, 0.3066,
0.3281

■ 50.6953, 0.4469,
0.4127

■ 98.1596, 0.3066,
0.3290

■ 46.1051, 0.4728,
0.4204

■ 42.0028, 0.4971,
0.4233

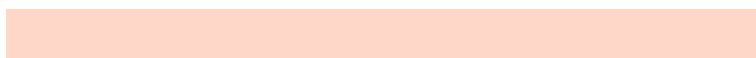
■ 38.3621, 0.5182,
0.4209

■ 35.7698, 0.5324,
0.4154

Harmonies

Analogous

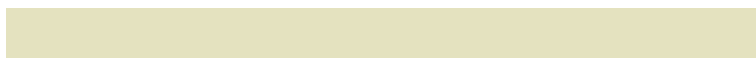
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3605, 0.3550, 0.3446



74.3605, 0.3513, 0.3595



74.3605, 0.3370, 0.3667

Triad

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



74.3605, 0.3513, 0.3595



74.3605, 0.2795, 0.3301



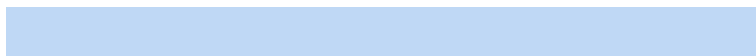
74.3605, 0.3078, 0.2975

Complementary

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



74.3605, 0.3513, 0.3595



66.8152, 0.2775, 0.2965

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.



74.3605, 0.2881, 0.2932



74.3605, 0.3513, 0.3595



74.3605, 0.2722, 0.3111

Square

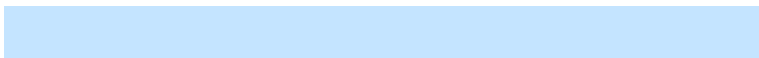
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3605, 0.3513, 0.3595



74.3605, 0.2955, 0.3497



74.3605, 0.2753, 0.2978



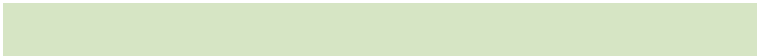
74.3605, 0.3294, 0.3095

Rectangle

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



74.3605, 0.3513, 0.3595



74.3605, 0.3237, 0.3657



74.3605, 0.2753, 0.2978



74.3605, 0.3007, 0.2951

Sweetspot

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



74.3639, 0.3513, 0.3595



93.7364, 0.3238, 0.3383



61.6560, 0.3373, 0.3026



19.9512, 0.3249, 0.3391



0.0000, 0.0000, 0.0000



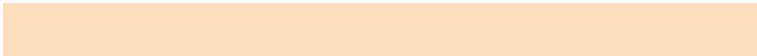
21.4041, 0.3127, 0.3290

Same Dimension

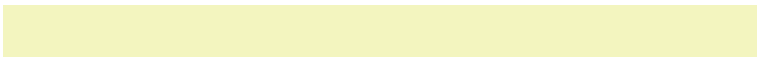
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3639, 0.3513, 0.3595



78.3738, 0.3595, 0.3653



88.1880, 0.3448, 0.3843



17.9548, 0.3280, 0.3417



19.5433, 0.5301, 0.4173



1.9233, 0.5124, 0.4313

Inverse Universe

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



66.8152, 0.2775, 0.2965



68.8920, 0.2708, 0.2897



55.1747, 0.2766, 0.2674



17.1930, 0.2980, 0.3160



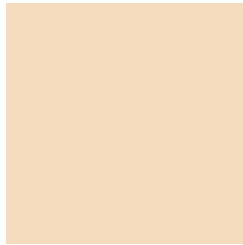
10.2553, 0.1738, 0.1458



1.1048, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 74.3605, 0.3513, 0.3595 looks on a white background.

Color Contrast Check

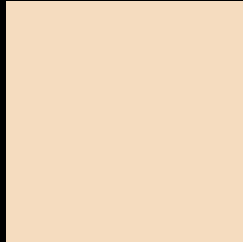
Large Text (above 18pt) WCAG AA × Fail

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 74.3605, 0.3513, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

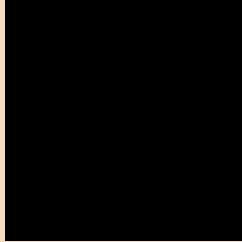
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3605, 0.3513, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 74.3605, 0.3513, 0.3595.



This preview shows how white text looks on a background with the Yxy color 74.3605, 0.3513, 0.3595.

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

74.3605, 0.3513, 0.3595

Protanopia

74.2878, 0.3417, 0.3612

Deuteranopia

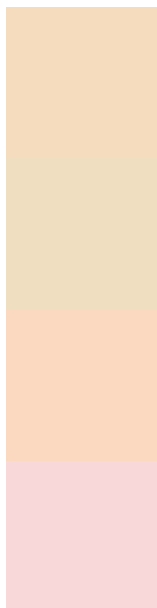
74.2668, 0.3577, 0.3517



Tritanopia

74.1866, 0.3274, 0.3118

Trichromacy



Original Color

74.3605, 0.3513, 0.3595

Protanomaly

74.3990, 0.3456, 0.3610

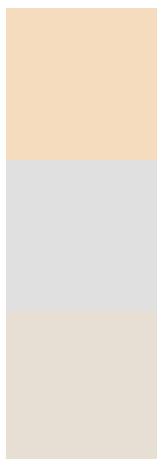
Deuteranomaly

73.9852, 0.3551, 0.3539

Tritanomaly

74.0261, 0.3363, 0.3291

Monochromacy



Original Color

74.3605, 0.3513, 0.3595

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 74.3605, 0.3513, 0.3595 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(245, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 191) }
```

Border

The CSS property to change the border of an element to Yxy 74.3605, 0.3513, 0.3595 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(245, 220, 191) }
```

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

```
.border{ border-color:rgb(245, 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(245, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3605, 0.3513, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 191) }
```

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

```
.background{ background-color: rgb(245,  
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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