

Converting Colors

$Yxy(74.6958, 0.3416, 0.3605)$

Have a look what the booklet for
Yxy(74.6958, 0.3416, 0.3605)
contains.

Yxy(74.5033, 0.3418, 0.3601)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.5033, 0.3418, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFC2
RGB	236, 223, 194
RGB Percent	93%, 87%, 76%
CMY	0.0745, 0.1255, 0.2393
CMYK	0.00, 0.06, 0.18, 0.07
HSL	41°, 53%, 84%
HSV	41°, 18%, 93%
XYZ	70.7171, 74.5033, 61.6757
YIQ	223.5810, 17.0570, -6.2630

Conversions

Conversions Part 2

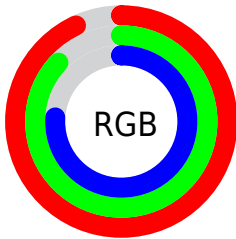
Format	Color
RYB	213, 236, 194
Decimal	15523778
CIELab	89.16, -0.21, 15.83
CIELCh	89, 15.830, 90.742
Yxy	74.5033, 0.3418, 0.3601
Android (android.graphics.Color)	4293713858 (0xFFE0C0)
YUV	223.5810, -14.5834, 10.8915
Hunter-Lab	86.3153, -4.8088, 18.0556

Details

The Yxy color **74.5033, 0.3418, 0.3601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.1376, 0.2842, 0.2958**, and the grayscale version is **74.3251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **39.6020, 0.3489, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **69.7112, 0.3602, 0.3783**, and if you desaturate by 10%, it is **79.6387, 0.3249, 0.3423**.

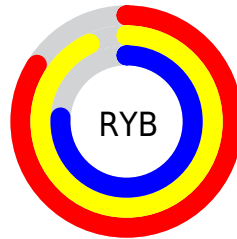
Distribution



Red (93%)

Green (87%)

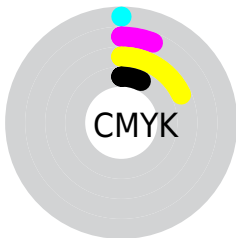
Blue (76%)



Red (84%)

Yellow (93%)

Blue (76%)

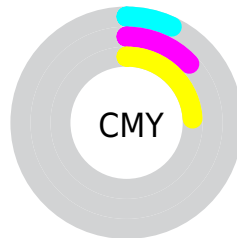


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5033, 0.3418, 0.3601 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 74.5033, 0.3418, 0.3601 by changing the saturation by 10% instead.

74.5033, 0.3418,
0.3601

74.5033, 0.3418,
0.3601

476.2086, 0.3284,
0.3458

55.2061, 0.3448,
0.3634

125.6090, 0.3372,
0.3551

39.5667, 0.3486,
0.3674

158.1863, 0.3354,
0.3532

27.2009, 0.3533,
0.3724

195.9590, 0.3338,
0.3515

17.7242, 0.3594,
0.3790

239.3116, 0.3324,
0.3501

10.7521, 0.3676,
0.3878

288.6285, 0.3313,
0.3488

5.9004, 0.3793,
0.4003

344.2940, 0.3302,

2.7846, 0.3968,

0.3477

0.4191

406.6926, 0.3293,
0.3467

1.0203, 0.4859,
0.5141

0.0000, 0.0000,
0.0000

74.5033, 0.3418,
0.3601

74.5033, 0.3418,
0.3601

69.7112, 0.3602,
0.3783

79.6387, 0.3249,
0.3423

65.2424, 0.3798,
0.3965

85.1170, 0.3095,
0.3254

61.0895, 0.4002,
0.4137

90.3045, 0.3012,
0.3190

57.2410, 0.4207,
0.4291

94.8077, 0.3012,
0.3262

■ 53.6843, 0.4404,
0.4414

■ 96.5746, 0.3011,
0.3290

■ 50.4053, 0.4584,
0.4496

■ 47.3877, 0.4736,
0.4530

■ 44.6102, 0.4857,
0.4513

■ 44.0278, 0.4881,
0.4506

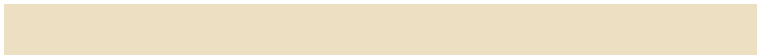
Harmonies

Analogous

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



74.5033, 0.3498, 0.3498



74.5033, 0.3418, 0.3601



74.5033, 0.3260, 0.3620

Triad

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



74.5033, 0.3418, 0.3601



74.5033, 0.2790, 0.3217



74.5033, 0.3176, 0.3054

Complementary

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



74.5033, 0.3418, 0.3601



62.1376, 0.2842, 0.2958

Split Complementary

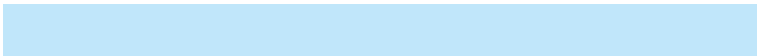
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5033, 0.2987, 0.2981



74.5033, 0.3418, 0.3601



74.5033, 0.2769, 0.3068

Square

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



74.5033, 0.3418, 0.3601



74.5033, 0.2899, 0.3393



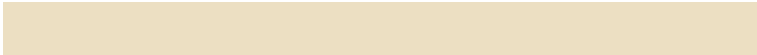
74.5033, 0.2840, 0.2984



74.5033, 0.3357, 0.3186

Rectangle

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



74.5033, 0.3418, 0.3601



74.5033, 0.3134, 0.3580



74.5033, 0.2840, 0.2984



74.5033, 0.3112, 0.3022

Sweetspot

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



74.5066, 0.3418, 0.3601



96.7149, 0.3204, 0.3375



60.9253, 0.3366, 0.3146



20.6040, 0.3215, 0.3387



0.0000, 0.0000, 0.0000



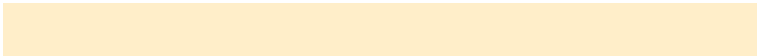
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5066, 0.3418, 0.3601



86.9001, 0.3477, 0.3661



80.4341, 0.3340, 0.3741



16.7950, 0.3276, 0.3452



24.5071, 0.4867, 0.4517



2.0940, 0.4751, 0.4610

Inverse Universe

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



62.1376, 0.2842, 0.2958



69.8513, 0.2786, 0.2890



57.1405, 0.2890, 0.2813



15.3091, 0.2980, 0.3123



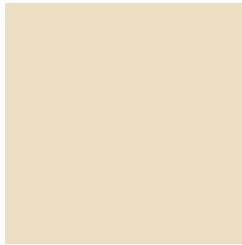
6.1676, 0.1617, 0.1022



0.6497, 0.1693, 0.1296

Previews

White Background



This preview shows how the Yxy color 74.5033, 0.3418, 0.3601 looks on a white background.

Color Contrast Check

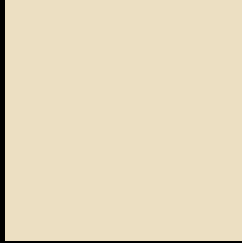
Large Text (above 18pt) WCAG AA × Fail

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 74.5033, 0.3418, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

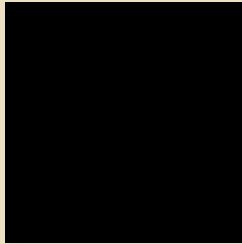
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

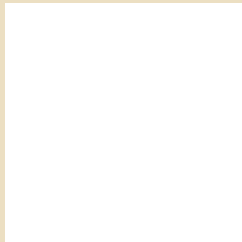
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5033, 0.3418, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 74.5033, 0.3418, 0.3601.



This preview shows how white text looks on a background with the Yxy color 74.5033, 0.3418, 0.3601.

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

74.5033, 0.3418, 0.3601

Protanopia

74.3326, 0.3410, 0.3601

Deuteranopia

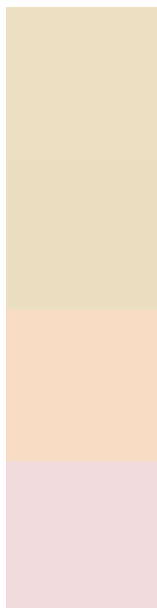
74.3573, 0.3562, 0.3496



Tritanopia

74.2670, 0.3186, 0.3115

Trichromacy



Original Color

74.5033, 0.3418, 0.3601

Protanomaly

74.3326, 0.3410, 0.3601

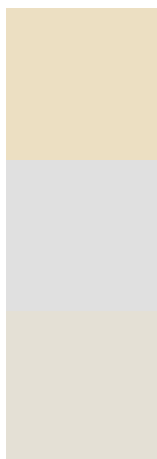
Deuteranomaly

74.5596, 0.3509, 0.3541

Tritanomaly

74.1282, 0.3272, 0.3290

Monochromacy



Original Color

74.5033, 0.3418, 0.3601

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6094, 0.3228, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5033, 0.3418, 0.3601 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(236, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 194)  
}
```

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(236, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 194) }
```

Border

The CSS property to change the border of an element to Yxy 74.5033, 0.3418, 0.3601 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(236, 223, 194) }
```

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

```
.border{ border-color:rgb(236, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5033, 0.3418, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 194) }
```

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

```
.background{ background-color: rgb(236,  
223, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor