

Converting Colors

$Yxy(74.9059, 0.3365, 0.3693)$

Have a look what the booklet for
Yxy(74.9059, 0.3365, 0.3693)
contains.

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Color

Yxy(74.8246, 0.3364, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3BE
RGB	226, 227, 190
RGB Percent	89%, 89%, 75%
CMY	0.1138, 0.1098, 0.2550
CMYK	0.00, 0.00, 0.16, 0.11
HSL	62°, 40%, 82%
HSV	62°, 16%, 89%
XYZ	68.1218, 74.8246, 59.5559
YIQ	222.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

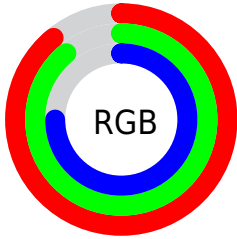
Format	Color
RYB	190, 227, 191
Decimal	14869438
CIELab	89.31, -6.47, 18.01
CIELCh	89, 19.134, 109.756
Yxy	74.8246, 0.3364, 0.3695
Android (android.graphics.Color)	4293059518 (0xFFE2E3BE)
YUV	222.4830, -16.0141, 3.0844
Hunter-Lab	86.5012, -10.8041, 19.7298

Details

The Yxy color **74.8246, 0.3364, 0.3695** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4434, 0.2869, 0.2852**, and the grayscale version is **73.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **39.8572, 0.3408, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **73.8097, 0.3511, 0.3949**, and if you desaturate by 10%, it is **76.0011, 0.3217, 0.3444**.

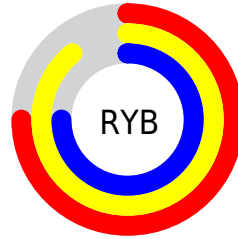
Distribution



Red (89%)

Green (89%)

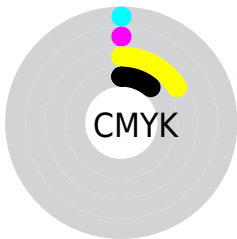
Blue (75%)



Red (75%)

Yellow (89%)

Blue (75%)

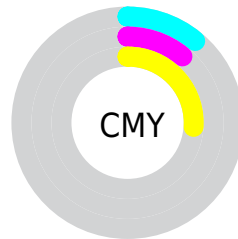


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (11%)


Magenta (11%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8246, 0.3364, 0.3695 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 74.8246, 0.3364, 0.3695 by changing the saturation by 10% instead.

 74.8246, 0.3364,
0.3695

 74.8246, 0.3364,
0.3695


477.3145, 0.3256,
0.3506

 55.4692, 0.3388,
0.3738

 126.0640, 0.3327,
0.3629

 39.7775, 0.3417,
0.3792


158.7169, 0.3313,
0.3604

 27.3651, 0.3454,
0.3860


196.5710, 0.3300,
0.3582

 17.8476, 0.3501,
0.3949

240.0108, 0.3289,
0.3563

 10.8406, 0.3563,
0.4071

289.4206, 0.3279,
0.3546

 5.9598, 0.3648,
0.4246

345.1849, 0.3271,

 2.8206, 0.3768,

0.3531

0.4515

407.6881, 0.3263,
0.3518

■ 1.0388, 0.4417,
0.5583

■ 0.0000, 0.0000,
0.0000

■ 74.8246, 0.3364,
0.3695

■ 74.8246, 0.3364,
0.3695

■ 73.8097, 0.3511,
0.3949

■ 76.0011, 0.3217,
0.3444

■ 72.9394, 0.3654,
0.4197


■ 77.3359, 0.3076,
0.3202

■ 72.2092, 0.3788,
0.4430

■ 78.6383, 0.2959,
0.3004


■ 71.6108, 0.3906,
0.4638

■ 78.7414, 0.2963,
0.3004

 71.1348, 0.4002,
0.4811

 78.8450, 0.2967,
0.3004


 70.7708, 0.4074,
0.4944


 78.9489, 0.2972,
0.3005


 70.5064, 0.4120,
0.5033

 79.0532, 0.2976,
0.3005

 70.3264, 0.4140,
0.5080

 79.1579, 0.2980,
0.3005

 70.2716, 0.4144,
0.5091

 79.2630, 0.2984,
0.3006

Harmonies

Analogous

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



74.8246, 0.3527, 0.3628



74.8246, 0.3364, 0.3695



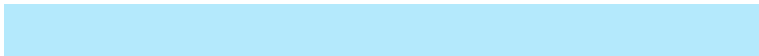
74.8246, 0.3141, 0.3646

Triad

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



74.8246, 0.3364, 0.3695



74.8246, 0.2694, 0.3079



74.8246, 0.3329, 0.3101

Complementary

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



74.8246, 0.3364, 0.3695



53.4434, 0.2869, 0.2852

Split Complementary

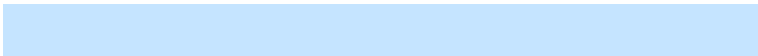
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8246, 0.3100, 0.2966



74.8246, 0.3364, 0.3695



74.8246, 0.2739, 0.2947

Square

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



74.8246, 0.3364, 0.3695



74.8246, 0.2759, 0.3277



74.8246, 0.2885, 0.2909



74.8246, 0.3508, 0.3284

Rectangle

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



74.8246, 0.3364, 0.3695



74.8246, 0.2990, 0.3551



74.8246, 0.2885, 0.2909



74.8246, 0.3255, 0.3049

Sweetspot

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



74.8279, 0.3364, 0.3695



99.1388, 0.3199, 0.3413



57.1367, 0.3435, 0.3298



21.1948, 0.3209, 0.3430



0.0000, 0.0000, 0.0000



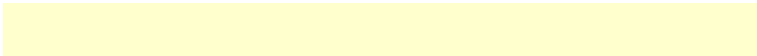
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8279, 0.3364, 0.3695



96.8721, 0.3420, 0.3792



72.0542, 0.3232, 0.3712



16.7957, 0.3263, 0.3522



40.9867, 0.4145, 0.5091



3.0352, 0.4153, 0.5085

Inverse Universe

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



53.4434, 0.2869, 0.2852



63.4441, 0.2801, 0.2737



55.9377, 0.3006, 0.2870



13.9061, 0.2984, 0.3047



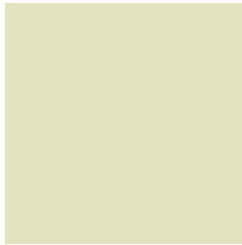
3.2664, 0.1509, 0.0605



0.2482, 0.1534, 0.0619

Previews

White Background



This preview shows how the Yxy color 74.8246, 0.3364, 0.3695 looks on a white background.

Color Contrast Check

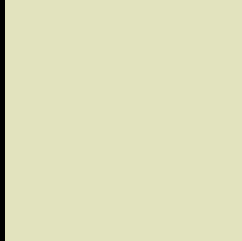
Large Text (above 18pt) WCAG AA × Fail

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 74.8246, 0.3364, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

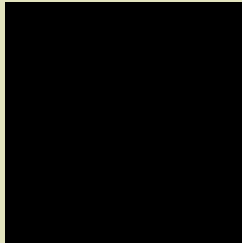
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

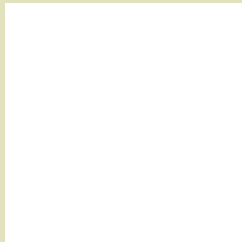
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8246, 0.3364, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 74.8246, 0.3364, 0.3695.



This preview shows how white text looks on a background with the Yxy color 74.8246, 0.3364, 0.3695.

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

74.8246, 0.3364, 0.3695

Protanopia

74.7750, 0.3457, 0.3676

Deuteranopia

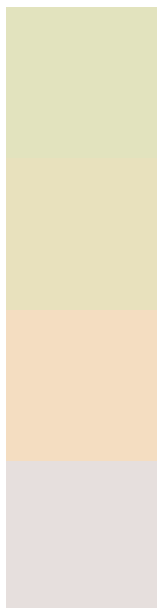
74.8258, 0.3567, 0.3516



Tritanopia

74.6831, 0.3101, 0.3103

Trichromacy



Original Color

74.8246, 0.3364, 0.3695

Protanomaly

74.6804, 0.3419, 0.3679

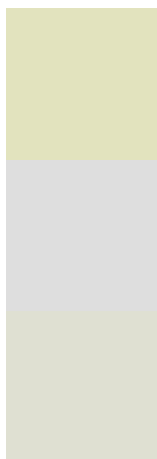
Deuteranomaly

74.7963, 0.3489, 0.3585

Tritanomaly

74.8188, 0.3190, 0.3311

Monochromacy



Original Color

74.8246, 0.3364, 0.3695

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6524, 0.3212, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8246, 0.3364, 0.3695 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(226, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 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(226, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 190) }
```

Border

The CSS property to change the border of an element to Yxy 74.8246, 0.3364, 0.3695 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(226, 227, 190) }
```

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

```
.border{ border-color:rgb(226, 227, 190) }
```

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

Here you see how a box with a 4 pixel rgb(226, 227, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8246, 0.3364, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 190) }
```

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

```
.background{ background-color: rgb(226,  
227, 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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