

Converting Colors

$Yxy(75.1058, 0.3633, 0.4016)$

Have a look what the booklet for
Yxy(75.1058, 0.3633, 0.4016)
contains.

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Color

Yxy(75.1384, 0.3633, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	EBE3A0
RGB	235, 227, 160
RGB Percent	92%, 89%, 63%
CMY	0.0784, 0.1098, 0.3726
CMYK	0.00, 0.03, 0.32, 0.08
HSL	54°, 65%, 77%
HSV	54°, 32%, 92%
XYZ	68.0743, 75.1384, 44.1649
YIQ	221.7540, 26.2750, -19.1410

Conversions

Conversions Part 2

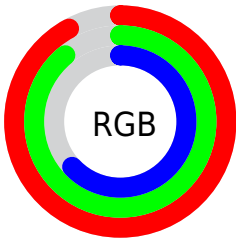
Format	Color
R _Y B	169, 235, 160
Decimal	15459232
CIE Lab	89.46, -7.21, 33.78
CIE LCh	89, 34.536, 102.042
Yxy	75.1384, 0.3633, 0.4010
Android (android.graphics.Color)	4293649312 (0xFFEBE3A0)
YUV	221.7540, -30.4447, 11.6167
Hunter-Lab	86.6824, -11.5129, 30.4693

Details

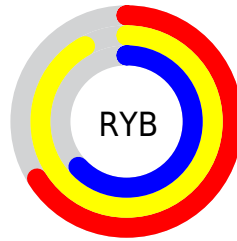
The Yxy color **75.1384, 0.3633, 0.4010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4678, 0.2569, 0.2450**, and the grayscale version is **73.0704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **40.0527, 0.3735, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **73.0355, 0.3795, 0.4229**, and if you desaturate by 10%, it is **77.4235, 0.3469, 0.3782**.

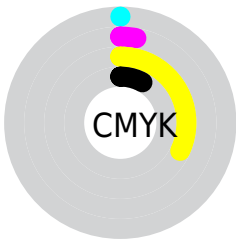
Distribution



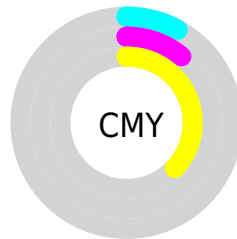
- Red (92%)
- Green (89%)
- Blue (63%)



- Red (66%)
- Yellow (92%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (8%)




- Cyan (8%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1384, 0.3633, 0.4010 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 75.1384, 0.3633, 0.4010 by changing the saturation by 10% instead.


 75.1384, 0.3633,
0.4010

 75.1384, 0.3633,
0.4010


478.3931, 0.3406,
0.3677

 55.7263, 0.3682,
0.4085


 126.5083, 0.3556,
0.3895

 39.9835, 0.3741,
0.4177


 159.2348, 0.3526,
0.3850

 27.5257, 0.3813,
0.4291


197.1682, 0.3499,
0.3812

 17.9684, 0.3902,
0.4436

240.6930, 0.3476,
0.3778

 10.9273, 0.4011,
0.4626

290.1935, 0.3456,
0.3748

 6.0180, 0.4143,
0.4878

346.0541, 0.3437,

 2.8560, 0.4512,

0.3722

0.5488

408.6591, 0.3421,
0.3698

■ 1.0570, 0.4366,
0.5634

■ 0.0000, 0.0000,
0.0000

■ 75.1384, 0.3633,
0.4010

■ 75.1384, 0.3633,
0.4010

■ 73.0355, 0.3795,
0.4229

■ 77.4235, 0.3469,
0.3782

■ 71.0957, 0.3949,
0.4431

■ 79.8887, 0.3309,
0.3554

■ 69.3127, 0.4088,
0.4604

■ 82.5451, 0.3156,
0.3332

■ 67.6756, 0.4206,
0.4740

■ 85.3998, 0.3012,
0.3120

66.1719, 0.4298,
0.4832

86.9256, 0.3006,
0.3135

64.7864, 0.4362,
0.4880

88.4065, 0.3006,
0.3161

63.7344, 0.4397,
0.4891

89.9079, 0.3006,
0.3186

91.4298, 0.3006,
0.3211

92.9722, 0.3005,
0.3236

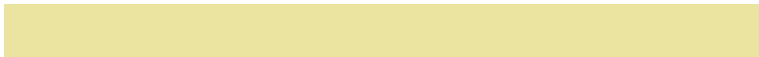
Harmonies

Analogous

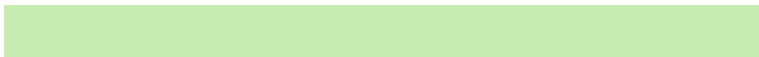
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1384, 0.3892, 0.3820



75.1384, 0.3633, 0.4010



75.1384, 0.3247, 0.3996

Triad

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



75.1384, 0.3633, 0.4010



75.1384, 0.2378, 0.2978



75.1384, 0.3383, 0.2887

Complementary

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



75.1384, 0.3633, 0.4010



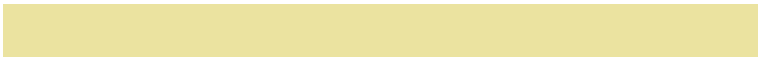
41.4678, 0.2569, 0.2450

Split Complementary

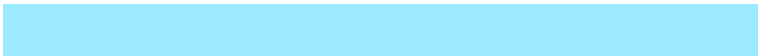
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1384, 0.2965, 0.2688



75.1384, 0.3633, 0.4010



75.1384, 0.2407, 0.2719

Square

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



75.1384, 0.3633, 0.4010



75.1384, 0.2532, 0.3359



75.1384, 0.2614, 0.2623



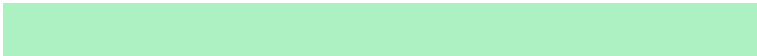
75.1384, 0.3750, 0.3182

Rectangle

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



75.1384, 0.3633, 0.4010



75.1384, 0.2974, 0.3854



75.1384, 0.2614, 0.2623



75.1384, 0.3243, 0.2808

Sweetspot

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



75.1418, 0.3633, 0.4010



96.7435, 0.3280, 0.3512



45.6534, 0.3774, 0.3193



20.6132, 0.3302, 0.3543



0.0000, 0.0000, 0.0000



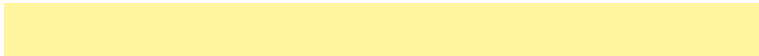
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1418, 0.3633, 0.4010



88.8394, 0.3735, 0.4149



75.1119, 0.3398, 0.4145



17.3367, 0.3271, 0.3499



35.5843, 0.4393, 0.4894



2.8730, 0.4362, 0.4919

Inverse Universe

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



41.4678, 0.2569, 0.2450



42.6623, 0.2443, 0.2253



41.9202, 0.2778, 0.2402



14.8072, 0.2980, 0.3073



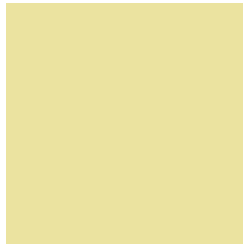
3.8140, 0.1521, 0.0676



0.3860, 0.1568, 0.0844

Previews

White Background



This preview shows how the Yxy color 75.1384, 0.3633, 0.4010 looks on a white background.

Color Contrast Check

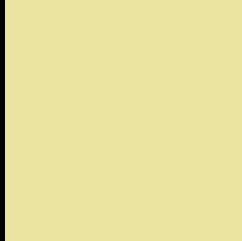
Large Text (above 18pt) WCAG AA × Fail

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 75.1384, 0.3633, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

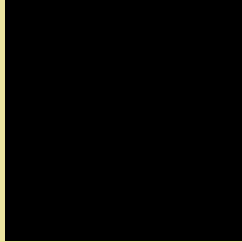
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

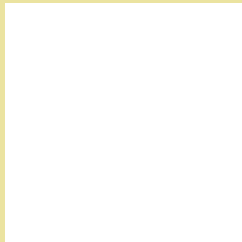
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1384, 0.3633, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 75.1384, 0.3633, 0.4010.



This preview shows how white text looks on a background with the Yxy color 75.1384, 0.3633, 0.4010.

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

75.1384, 0.3633, 0.4010

Protanopia

75.2309, 0.3700, 0.3987

Deuteranopia

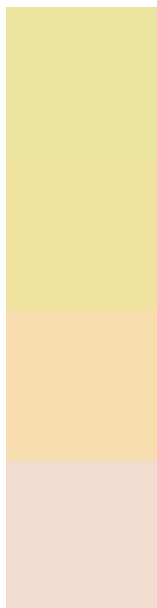
74.8635, 0.3645, 0.3640



Tritanopia

74.7993, 0.3207, 0.3117

Trichromacy



Original Color

75.1384, 0.3633, 0.4010

Protanomaly

75.2466, 0.3673, 0.4003

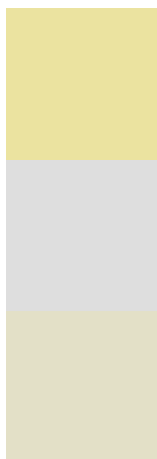
Deuteranomaly

74.7645, 0.3647, 0.3771

Tritanomaly

74.9187, 0.3368, 0.3438

Monochromacy



Original Color

75.1384, 0.3633, 0.4010

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7657, 0.3315, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1384, 0.3633, 0.4010 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(235, 227, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 160)  
}
```

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(235, 227, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 160) }
```

Border

The CSS property to change the border of an element to Yxy 75.1384, 0.3633, 0.4010 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(235, 227, 160) }
```

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

```
.border{ border-color:rgb(235, 227, 160) }
```

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

Here you see how a box with a 4 pixel rgb(235, 227, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1384, 0.3633, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 160) }
```

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

```
.background{ background-color: rgb(235,  
227, 160) }
```

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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