

Converting Colors

$Yxy(73.3250, 0.3474, 0.3766)$

Have a look what the booklet for
Yxy(73.3250, 0.3474, 0.3766)
contains.

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Color

Yxy(73.5955, 0.3475, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	E7E0B4
RGB	231, 224, 180
RGB Percent	91%, 88%, 71%
CMY	0.0940, 0.1216, 0.2941
CMYK	0.00, 0.03, 0.22, 0.09
HSL	52°, 52%, 81%
HSV	52°, 22%, 91%
XYZ	67.8547, 73.5955, 53.8151
YIQ	221.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

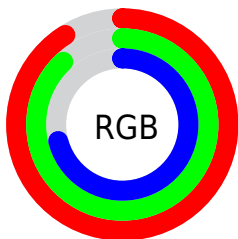
Format	Color
RYB	188, 231, 180
Decimal	15196340
CIELab	88.73, -4.55, 22.44
CIELCh	89, 22.899, 101.471
Yxy	73.5955, 0.3475, 0.3769
Android (android.graphics.Color)	4293386420 (0xFFE7E0B4)
YUV	221.0770, -20.2510, 8.7025
Hunter-Lab	85.7878, -8.9424, 22.8586

Details

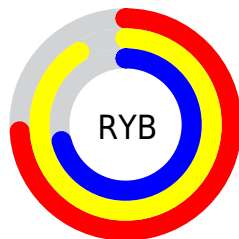
The Yxy color **73.5955, 0.3475, 0.3769** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0314, 0.2761, 0.2761**, and the grayscale version is **72.5028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **39.0222, 0.3554, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **71.0406, 0.3642, 0.3990**, and if you desaturate by 10%, it is **76.3459, 0.3312, 0.3548**.

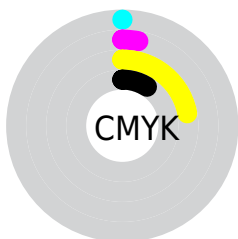
Distribution



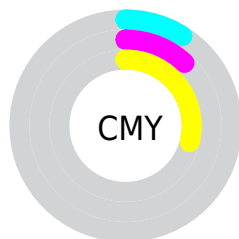
- Red (91%)
- Green (88%)
- Blue (71%)



- Red (74%)
- Yellow (91%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5955, 0.3475, 0.3769 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 73.5955, 0.3475, 0.3769 by changing the saturation by 10% instead.


 73.5955, 0.3475,
0.3769

 73.5955, 0.3475,
0.3769


473.0761, 0.3316,
0.3546

 54.4630, 0.3511,
0.3820

 124.3222, 0.3420,
0.3692

 38.9720, 0.3554,
0.3883


156.6853, 0.3399,
0.3662

 26.7379, 0.3608,
0.3962


194.2273, 0.3381,
0.3636

 17.3765, 0.3678,
0.4065

237.3328, 0.3364,
0.3613

 10.5033, 0.3769,
0.4204

286.3859, 0.3350,
0.3593

 5.7339, 0.3893,
0.4400

341.7713, 0.3337,

 2.6840, 0.4081,

0.3576

0.4710

403.8732, 0.3326,
0.3560

0.9691, 0.4545,
0.5455

0.0000, 0.0000,
0.0000

73.5955, 0.3475,
0.3769

73.5955, 0.3475,
0.3769

71.0406, 0.3642,
0.3990

76.3459, 0.3312,
0.3548

68.6633, 0.3810,
0.4203

79.2894, 0.3158,
0.3333

66.4584, 0.3971,
0.4400

82.4361, 0.3014,
0.3129

64.4164, 0.4118,
0.4568

84.6192, 0.2980,
0.3105

62.5268, 0.4246,
0.4700

86.4745, 0.2981,
0.3138

60.7774, 0.4348,
0.4789

88.3626, 0.2981,
0.3170

59.1537, 0.4421,
0.4831

90.2837, 0.2981,
0.3202

57.9385, 0.4463,
0.4839

92.2380, 0.2981,
0.3234

94.2255, 0.2982,
0.3266

Harmonies

Analogous

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



73.5955, 0.3641, 0.3652



73.5955, 0.3475, 0.3769



73.5955, 0.3219, 0.3753

Triad

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



73.5955, 0.3475, 0.3769



73.5955, 0.2617, 0.3093



73.5955, 0.3296, 0.3012

Complementary

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



73.5955, 0.3475, 0.3769



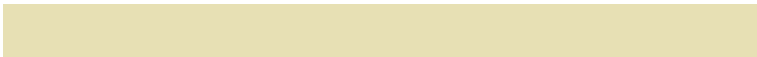
51.0314, 0.2761, 0.2761

Split Complementary

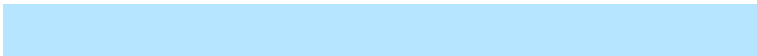
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5955, 0.3017, 0.2874



73.5955, 0.3475, 0.3769



73.5955, 0.2635, 0.2910

Square

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



73.5955, 0.3475, 0.3769



73.5955, 0.2729, 0.3346



73.5955, 0.2777, 0.2835



73.5955, 0.3537, 0.3218

Rectangle

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



73.5955, 0.3475, 0.3769



73.5955, 0.3035, 0.3661



73.5955, 0.2777, 0.2835



73.5955, 0.3203, 0.2957

Sweetspot

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



73.5988, 0.3475, 0.3769



97.3452, 0.3233, 0.3439



53.2567, 0.3510, 0.3205



20.7881, 0.3243, 0.3452



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.



73.5988, 0.3475, 0.3769



90.7549, 0.3543, 0.3859



74.6307, 0.3330, 0.3864



16.4610, 0.3271, 0.3491



32.6108, 0.4458, 0.4843



2.5036, 0.4413, 0.4878

Inverse Universe

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



51.0314, 0.2761, 0.2761



58.3100, 0.2685, 0.2648



50.4062, 0.2889, 0.2697



14.2055, 0.2980, 0.3081



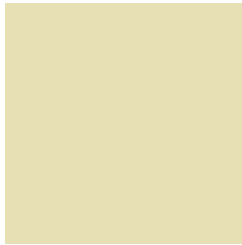
3.9117, 0.1531, 0.0711



0.3914, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 73.5955, 0.3475, 0.3769 looks on a white background.

Color Contrast Check

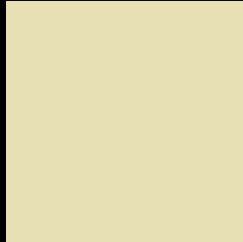
Large Text (above 18pt) WCAG AA × Fail

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 73.5955, 0.3475, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

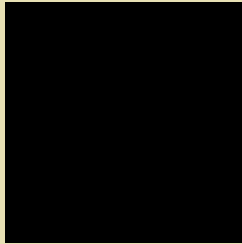
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

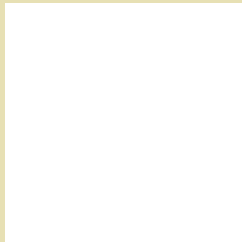
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5955, 0.3475, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 73.5955, 0.3475, 0.3769.

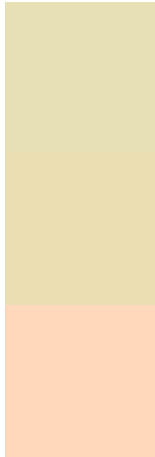


This preview shows how white text looks on a background with the Yxy color 73.5955, 0.3475, 0.3769.

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

73.5955, 0.3475, 0.3769

Protanopia

73.3301, 0.3524, 0.3754

Deuteranopia

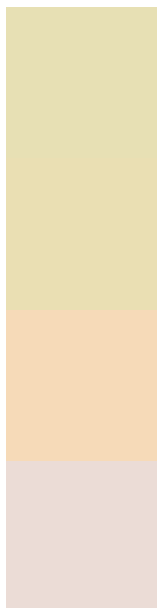
73.4487, 0.3631, 0.3579



Tritanopia

73.7434, 0.3164, 0.3114

Trichromacy



Original Color

73.5955, 0.3475, 0.3769

Protanomaly

73.5225, 0.3507, 0.3766

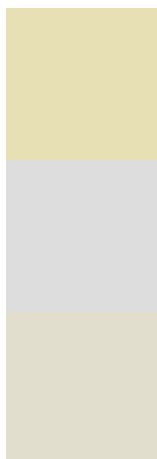
Deuteranomaly

73.1963, 0.3575, 0.3648

Tritanomaly

73.7036, 0.3276, 0.3354

Monochromacy



Original Color

73.5955, 0.3475, 0.3769

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7063, 0.3255, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5955, 0.3475, 0.3769 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(231, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 180)  
}
```

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(231, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 180) }
```

Border

The CSS property to change the border of an element to Yxy 73.5955, 0.3475, 0.3769 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(231, 224, 180) }
```

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

```
.border{ border-color:rgb(231, 224, 180) }
```

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

Here you see how a box with a 4 pixel rgb(231, 224, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5955, 0.3475, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 180) }
```

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

```
.background{ background-color: rgb(231,  
224, 180) }
```

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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