

Converting Colors

$Yxy(73.3435, 0.3387, 0.3604)$

Have a look what the booklet for
Yxy(73.3435, 0.3387, 0.3604)
contains.

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Color

Yxy(73.0817, 0.3389, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	E7DEC1
RGB	231, 222, 193
RGB Percent	91%, 87%, 76%
CMY	0.0941, 0.1294, 0.2431
CMYK	0.00, 0.04, 0.16, 0.09
HSL	46°, 44%, 83%
HSV	46°, 16%, 91%
XYZ	68.7029, 73.0817, 60.9386
YIQ	221.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

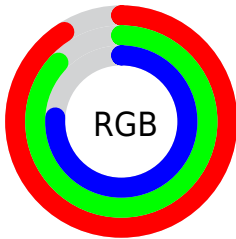
Format	Color
R _Y B	205, 231, 193
Decimal	15195841
CIE Lab	88.49, -1.65, 15.33
CIE LCh	88, 15.419, 96.130
Yxy	73.0817, 0.3389, 0.3605
Android (android.graphics.Color)	4293385921 (0xFFE7DEC1)
YUV	221.3850, -13.9938, 8.4324
Hunter-Lab	85.4878, -6.1510, 17.5776

Details

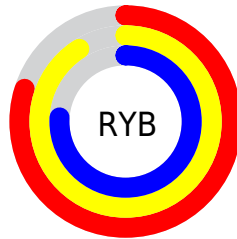
The Yxy color **73.0817, 0.3389, 0.3605** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.3505, 0.2864, 0.2954**, and the grayscale version is **72.6858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **38.6155, 0.3452, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **69.2738, 0.3564, 0.3804**, and if you desaturate by 10%, it is **77.1514, 0.3226, 0.3411**.

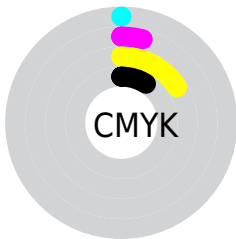
Distribution



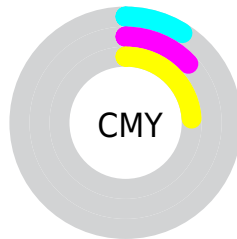
- Red (91%)
- Green (87%)
- Blue (76%)



- Red (80%)
- Yellow (91%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0817, 0.3389, 0.3605 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 73.0817, 0.3389, 0.3605 by changing the saturation by 10% instead.


 73.0817, 0.3389,
0.3605

 73.0817, 0.3389,
0.3605


471.2979, 0.3268,
0.3459

 54.0428, 0.3416,
0.3638


 123.5932, 0.3347,
0.3554

 38.6359, 0.3450,
0.3680


155.8345, 0.3331,
0.3535

 26.4766, 0.3493,
0.3732


193.2455, 0.3317,
0.3518

 17.1805, 0.3548,
0.3800

236.2104, 0.3305,
0.3503

 10.3633, 0.3623,
0.3893

285.1137, 0.3294,
0.3490

 5.6405, 0.3729,
0.4026

340.3398, 0.3284,

 2.6277, 0.3888,

0.3478

0.4229

402.2731, 0.3276,
0.3468

0.9406, 0.4755,
0.5245

0.0000, 0.0000,
0.0000

73.0817, 0.3389,
0.3605

73.0817, 0.3389,
0.3605

69.2738, 0.3564,
0.3804

77.1514, 0.3226,
0.3411

65.7097, 0.3747,
0.4002

81.4811, 0.3075,
0.3225

62.3837, 0.3933,
0.4191

85.6018, 0.2980,
0.3123

59.2860, 0.4117,
0.4361

88.8435, 0.2981,
0.3178

■ 56.4061, 0.4289,
0.4501

■ 92.1830, 0.2981,
0.3233

■ 53.7321, 0.4442,
0.4601

■ 95.6210, 0.2982,
0.3288

■ 51.2500, 0.4568,
0.4655

■ 95.7296, 0.2982,
0.3290

■ 48.9429, 0.4663,
0.4661

■ 48.1562, 0.4693,
0.4656

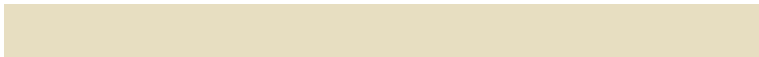
Harmonies

Analogous

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



73.0817, 0.3484, 0.3517



73.0817, 0.3389, 0.3605



73.0817, 0.3225, 0.3607

Triad

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



73.0817, 0.3389, 0.3605



73.0817, 0.2786, 0.3189



73.0817, 0.3209, 0.3078

Complementary

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



73.0817, 0.3389, 0.3605



59.3505, 0.2864, 0.2954

Split Complementary

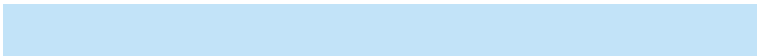
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0817, 0.3022, 0.2994



73.0817, 0.3389, 0.3605



73.0817, 0.2782, 0.3052

Square

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



73.0817, 0.3389, 0.3605



73.0817, 0.2879, 0.3361



73.0817, 0.2867, 0.2983



73.0817, 0.3379, 0.3215

Rectangle

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



73.0817, 0.3389, 0.3605



73.0817, 0.3100, 0.3556



73.0817, 0.2867, 0.2983



73.0817, 0.3146, 0.3043

Sweetspot

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



73.0849, 0.3389, 0.3605



97.2943, 0.3203, 0.3384



59.4195, 0.3364, 0.3186



20.7450, 0.3214, 0.3397



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.



73.0849, 0.3389, 0.3605



89.6739, 0.3452, 0.3678



76.4559, 0.3305, 0.3707



16.2082, 0.3273, 0.3468



27.1962, 0.4683, 0.4663



2.1497, 0.4597, 0.4732

Inverse Universe

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



59.3505, 0.2864, 0.2954



69.2093, 0.2800, 0.2870



56.5385, 0.2929, 0.2856



14.4385, 0.2980, 0.3105



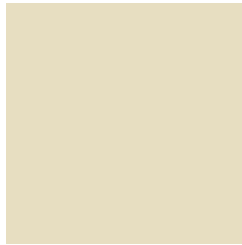
4.9099, 0.1574, 0.0866



0.5039, 0.1650, 0.1139

Previews

White Background



This preview shows how the Yxy color 73.0817, 0.3389, 0.3605 looks on a white background.

Color Contrast Check

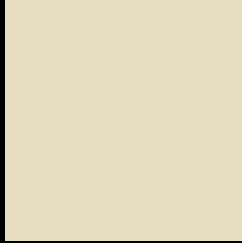
Large Text (above 18pt) WCAG AA × Fail

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 73.0817, 0.3389, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

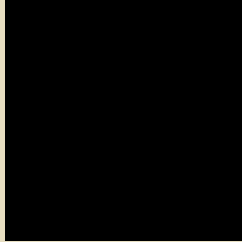
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

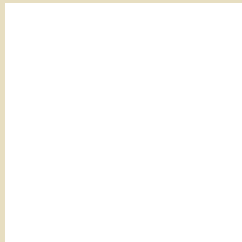
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0817, 0.3389, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 73.0817, 0.3389, 0.3605.

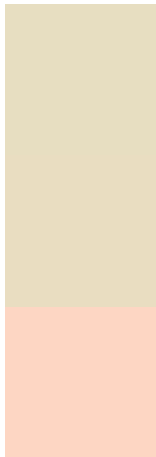


This preview shows how white text looks on a background with the Yxy color 73.0817, 0.3389, 0.3605.

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

73.0817, 0.3389, 0.3605

Protanopia

72.8868, 0.3406, 0.3593

Deuteranopia

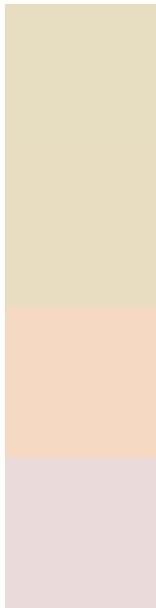
72.9159, 0.3558, 0.3487



Tritanopia

72.8278, 0.3157, 0.3113

Trichromacy



Original Color

73.0817, 0.3389, 0.3605

Protanomaly

72.7190, 0.3398, 0.3594

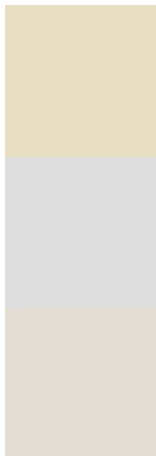
Deuteranomaly

72.9332, 0.3498, 0.3533

Tritanomaly

72.6972, 0.3243, 0.3290

Monochromacy



Original Color

73.0817, 0.3389, 0.3605

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4236, 0.3223, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0817, 0.3389, 0.3605 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, 222, 193)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 193)  
}
```

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, 222, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 193) }
```

Border

The CSS property to change the border of an element to Yxy 73.0817, 0.3389, 0.3605 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, 222, 193) }
```

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

```
.border{ border-color:rgb(231, 222, 193) }
```

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

Here you see how a box with a 4 pixel rgb(231, 222, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0817, 0.3389, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 193) }
```

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

```
.background{ background-color: rgb(231,  
222, 193) }
```

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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