

Converting Colors

$Yxy(73.1511, 0.3393, 0.3650)$

Have a look what the booklet for
Yxy(73.1511, 0.3393, 0.3650)
contains.

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Color

Yxy(73.1511, 0.3393, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFBE
RGB	229, 223, 190
RGB Percent	90%, 87%, 75%
CMY	0.1019, 0.1255, 0.2548
CMYK	0.00, 0.03, 0.17, 0.10
HSL	51°, 43%, 82%
HSV	51°, 17%, 90%
XYZ	68.0005, 73.1511, 59.2624
YIQ	221.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

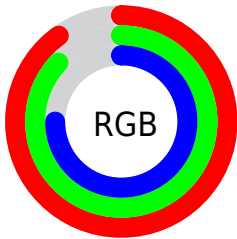
Format	Color
R _Y B	197, 229, 190
Decimal	15065022
CIE Lab	88.52, -3.32, 16.91
CIE LCh	89, 17.236, 101.118
Yxy	73.1511, 0.3393, 0.3650
Android (android.graphics.Color)	4293255102 (0xFFE5DFBE)
YUV	221.0320, -15.2988, 6.9879
Hunter-Lab	85.5284, -7.7560, 18.7880

Details

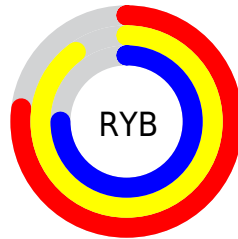
The Yxy color **73.1511, 0.3393, 0.3650** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1054, 0.2852, 0.2902**, and the grayscale version is **72.4362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **38.6956, 0.3448, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **70.3615, 0.3560, 0.3868**, and if you desaturate by 10%, it is **76.1439, 0.3233, 0.3436**.

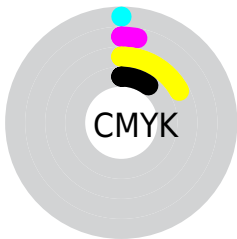
Distribution



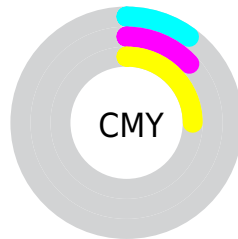
- Red (90%)
- Green (87%)
- Blue (75%)



- Red (77%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1511, 0.3393, 0.3650 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 73.1511, 0.3393, 0.3650 by changing the saturation by 10% instead.

 73.1511, 0.3393,
0.3650

 73.1511, 0.3393,
0.3650


471.5383, 0.3271,
0.3483

 54.0995, 0.3421,
0.3688


 123.6917, 0.3351,
0.3592

 38.6812, 0.3455,
0.3736


155.9495, 0.3334,
0.3569

 26.5118, 0.3497,
0.3796


193.3782, 0.3320,
0.3550

 17.2069, 0.3553,
0.3875

236.3621, 0.3308,
0.3533

 10.3821, 0.3627,
0.3982

285.2857, 0.3297,
0.3518

 5.6531, 0.3730,
0.4136

340.5333, 0.3287,

 2.6353, 0.3883,

0.3505

0.4371

402.4894, 0.3279,
0.3493

■ 0.9444, 0.4633,
0.5367

■ 0.0000, 0.0000,
0.0000

■ 73.1511, 0.3393,
0.3650

■ 73.1511, 0.3393,
0.3650

■ 70.3615, 0.3560,
0.3868

■ 76.1439, 0.3233,
0.3436

■ 67.7579, 0.3730,
0.4083

■ 79.3374, 0.3084,
0.3230

■ 65.3353, 0.3899,
0.4286

■ 82.4990, 0.2967,
0.3072

■ 63.0850, 0.4059,
0.4467

■ 84.5266, 0.2968,
0.3109

60.9969, 0.4202,
0.4617

86.5947, 0.2968,
0.3145

59.0602, 0.4323,
0.4726

88.7032, 0.2969,
0.3181

57.2618, 0.4417,
0.4790

90.8526, 0.2969,
0.3217

55.5850, 0.4482,
0.4809

93.0430, 0.2969,
0.3252

55.1017, 0.4499,
0.4810

95.2746, 0.2970,
0.3288

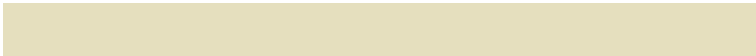
Harmonies

Analogous

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



73.1511, 0.3515, 0.3565



73.1511, 0.3393, 0.3650



73.1511, 0.3201, 0.3636

Triad

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



73.1511, 0.3393, 0.3650



73.1511, 0.2739, 0.3147



73.1511, 0.3253, 0.3076

Complementary

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



73.1511, 0.3393, 0.3650



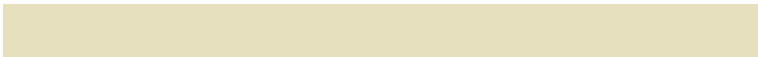
56.1054, 0.2852, 0.2902

Split Complementary

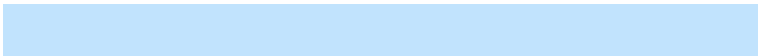
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1511, 0.3043, 0.2971



73.1511, 0.3393, 0.3650



73.1511, 0.2752, 0.3005

Square

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



73.1511, 0.3393, 0.3650



73.1511, 0.2827, 0.3336



73.1511, 0.2861, 0.2944



73.1511, 0.3434, 0.3235

Rectangle

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



73.1511, 0.3393, 0.3650



73.1511, 0.3062, 0.3568



73.1511, 0.2861, 0.2944



73.1511, 0.3183, 0.3034

Sweetspot

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



73.1543, 0.3393, 0.3650



97.9571, 0.3203, 0.3394



57.5064, 0.3400, 0.3218



20.9065, 0.3214, 0.3409



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.



73.1543, 0.3393, 0.3650



92.2212, 0.3444, 0.3717



74.3678, 0.3288, 0.3725



16.4184, 0.3271, 0.3487



31.6439, 0.4493, 0.4814



2.4411, 0.4443, 0.4855

Inverse Universe

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



56.1054, 0.2852, 0.2902



67.0789, 0.2797, 0.2823



55.1939, 0.2946, 0.2843



14.2443, 0.2980, 0.3085



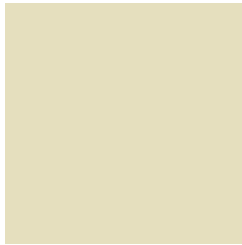
4.0434, 0.1537, 0.0732



0.4098, 0.1600, 0.0960

Previews

White Background



This preview shows how the Yxy color 73.1511, 0.3393, 0.3650 looks on a white background.

Color Contrast Check

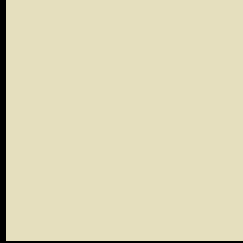
Large Text (above 18pt) WCAG AA × Fail

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 73.1511, 0.3393, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

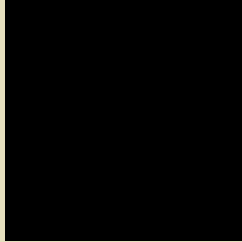
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

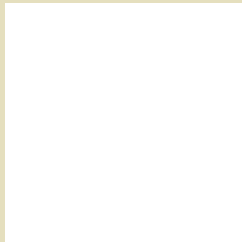
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1511, 0.3393, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 73.1511, 0.3393, 0.3650.



This preview shows how white text looks on a background with the Yxy color 73.1511, 0.3393, 0.3650.

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

73.1511, 0.3393, 0.3650

Protanopia

73.4091, 0.3439, 0.3647

Deuteranopia

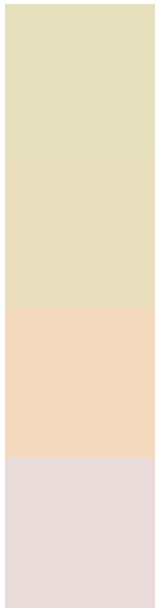
72.9697, 0.3588, 0.3518



Tritanopia

73.2284, 0.3143, 0.3113

Trichromacy



Original Color

73.1511, 0.3393, 0.3650

Protanomaly

73.0725, 0.3424, 0.3648

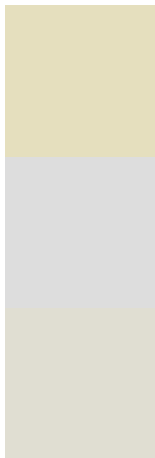
Deuteranomaly

72.7998, 0.3519, 0.3565

Tritanomaly

73.0486, 0.3235, 0.3301

Monochromacy



Original Color

73.1511, 0.3393, 0.3650

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7430, 0.3221, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1511, 0.3393, 0.3650 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(229, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 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(229, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 190) }
```

Border

The CSS property to change the border of an element to Yxy 73.1511, 0.3393, 0.3650 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(229, 223, 190) }
```

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

```
.border{ border-color:rgb(229, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 190);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1511, 0.3393, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 190) }
```

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

```
.background{ background-color: rgb(229,  
223, 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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