

Converting Colors

$Yxy(73.0262, 0.3396, 0.3754)$

Have a look what the booklet for
Yxy(73.0262, 0.3396, 0.3754)
contains.

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Color

Yxy(73.1166, 0.3400, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	E0E1B7
RGB	224, 225, 183
RGB Percent	88%, 88%, 72%
CMY	0.1214, 0.1177, 0.2823
CMYK	0.00, 0.00, 0.19, 0.12
HSL	61°, 41%, 80%
HSV	61°, 19%, 88%
XYZ	66.2217, 73.1166, 55.4315
YIQ	219.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

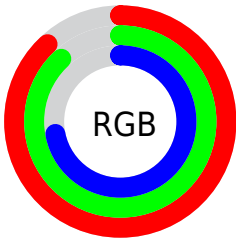
Format	Color
RYB	183, 225, 184
Decimal	14737847
CIELab	88.50, -7.19, 20.48
CIElCh	89, 21.706, 109.335
Yxy	73.1166, 0.3400, 0.3754
Android (android.graphics.Color)	4292927927 (0xFFE0E1B7)
YUV	219.9130, -18.1981, 3.5843
Hunter-Lab	85.5082, -11.4003, 21.4205

Details

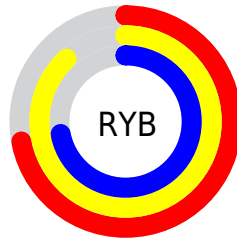
The Yxy color **73.1166, 0.3400, 0.3754** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4985, 0.2826, 0.2782**, and the grayscale version is **71.6346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **38.6860, 0.3455, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **72.1742, 0.3548, 0.4007**, and if you desaturate by 10%, it is **74.2155, 0.3252, 0.3502**.

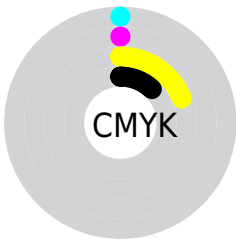
Distribution



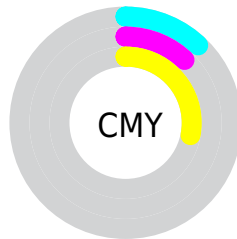
- Red (88%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)





- Cyan (12%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1166, 0.3400, 0.3754 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 73.1166, 0.3400, 0.3754 by changing the saturation by 10% instead.

 73.1166, 0.3400,
0.3754

 73.1166, 0.3400,
0.3754


471.4188, 0.3276,
0.3537

 54.0713, 0.3428,
0.3804


 123.6427, 0.3357,
0.3678

 38.6587, 0.3462,
0.3866

155.8924, 0.3341,
0.3649

 26.4943, 0.3504,
0.3945


193.3122, 0.3326,
0.3624

 17.1938, 0.3557,
0.4049

236.2867, 0.3314,
0.3602

 10.3728, 0.3628,
0.4190

285.2002, 0.3302,
0.3582

 5.6468, 0.3723,
0.4393

340.4371, 0.3293,

 2.6315, 0.3859,

0.3565

0.4711

402.3819, 0.3284,
0.3550

0.9425, 0.4328,
0.5672

0.0000, 0.0000,
0.0000

73.1166, 0.3400,
0.3754

73.1166, 0.3400,
0.3754

72.1742, 0.3548,
0.4007

74.2155, 0.3252,
0.3502

71.3714, 0.3690,
0.4251

75.4679, 0.3108,
0.3258

70.7039, 0.3821,
0.4479

76.8831, 0.2971,
0.3026

70.1633, 0.3935,
0.4678

77.2517, 0.2947,
0.2981

69.7401, 0.4027,
0.4842

77.3353, 0.2951,
0.2982

69.4239, 0.4094,
0.4964

77.4190, 0.2954,
0.2982

69.2020, 0.4134,
0.5041

77.5030, 0.2957,
0.2982

69.0556, 0.4151,
0.5080

77.5873, 0.2961,
0.2983

69.0382, 0.4153,
0.5084

77.6718, 0.2964,
0.2983

Harmonies

Analogous

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



73.1166, 0.3586, 0.3673



73.1166, 0.3400, 0.3754



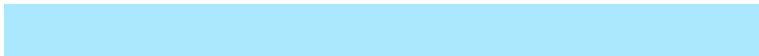
73.1166, 0.3146, 0.3701

Triad

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



73.1166, 0.3400, 0.3754



73.1166, 0.2634, 0.3050



73.1166, 0.3355, 0.3072

Complementary

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



73.1166, 0.3400, 0.3754



49.4985, 0.2826, 0.2782

Split Complementary

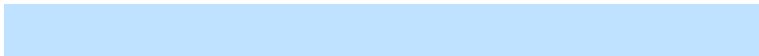
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1166, 0.3091, 0.2920



73.1166, 0.3400, 0.3754



73.1166, 0.2683, 0.2900

Square

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



73.1166, 0.3400, 0.3754



73.1166, 0.2709, 0.3278



73.1166, 0.2847, 0.2857



73.1166, 0.3561, 0.3279

Rectangle

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



73.1166, 0.3400, 0.3754



73.1166, 0.2973, 0.3593



73.1166, 0.2847, 0.2857



73.1166, 0.3269, 0.3013

Sweetspot

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



73.1198, 0.3400, 0.3754



98.9870, 0.3214, 0.3437



53.5904, 0.3489, 0.3299



21.1647, 0.3224, 0.3454



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.



73.1198, 0.3400, 0.3754



96.6559, 0.3452, 0.3843



70.0069, 0.3247, 0.3777



16.0127, 0.3264, 0.3522



39.7925, 0.4154, 0.5084



2.7633, 0.4160, 0.5079

Inverse Universe

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



49.4985, 0.2826, 0.2782



60.3258, 0.2762, 0.2674



52.2480, 0.2986, 0.2805



13.2582, 0.2984, 0.3048



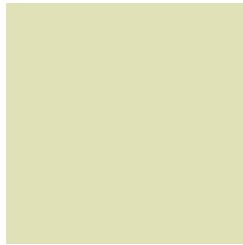
3.1586, 0.1508, 0.0604



0.2243, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 73.1166, 0.3400, 0.3754 looks on a white background.

Color Contrast Check

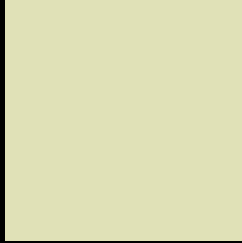
Large Text (above 18pt) WCAG AA × Fail

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 73.1166, 0.3400, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

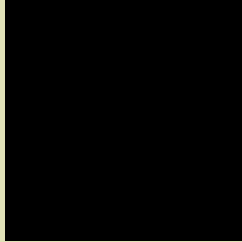
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

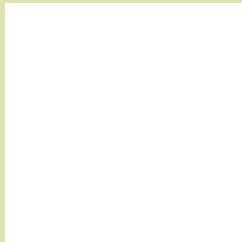
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1166, 0.3400, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 73.1166, 0.3400, 0.3754.



This preview shows how white text looks on a background with the Yxy color 73.1166, 0.3400, 0.3754.

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

73.1166, 0.3400, 0.3754

Protanopia

73.2409, 0.3503, 0.3733

Deuteranopia

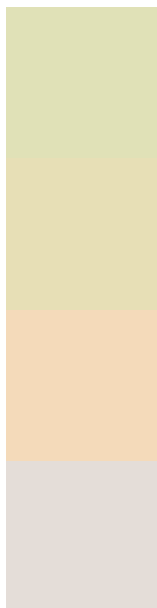
72.9410, 0.3633, 0.3569



Tritanopia

73.1299, 0.3107, 0.3112

Trichromacy



Original Color

73.1166, 0.3400, 0.3754

Protanomaly

73.1417, 0.3463, 0.3737

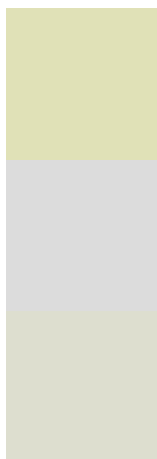
Deuteranomaly

72.9211, 0.3545, 0.3629

Tritanomaly

73.1648, 0.3211, 0.3344

Monochromacy



Original Color

73.1166, 0.3400, 0.3754

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1197, 0.3220, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1166, 0.3400, 0.3754 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(224, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 183)  
}
```

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(224, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 183) }
```

Border

The CSS property to change the border of an element to Yxy 73.1166, 0.3400, 0.3754 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(224, 225, 183) }
```

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

```
.border{ border-color:rgb(224, 225, 183) }
```

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

Here you see how a box with a 4 pixel rgb(224, 225, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1166, 0.3400, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 183) }
```

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

```
.background{ background-color: rgb(224,  
225, 183) }
```

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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