

Converting Colors

$Yxy(73.1805, 0.3329, 0.3484)$

Have a look what the booklet for
Yxy(73.1805, 0.3329, 0.3484)
contains.

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Color

Yxy(73.1805, 0.3329, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	E8DDCB
RGB	232, 221, 203
RGB Percent	91%, 87%, 80%
CMY	0.0900, 0.1334, 0.2039
CMYK	0.00, 0.05, 0.13, 0.09
HSL	37°, 39%, 85%
HSV	37°, 13%, 91%
XYZ	69.9248, 73.1805, 66.9421
YIQ	222.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

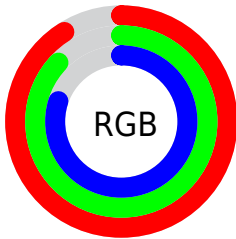
Format	Color
R_{YB}	221, 232, 203
Decimal	15261131
CIE Lab	88.53, 0.80, 10.17
CIE LCh	89, 10.199, 85.528
Yxy	73.1805, 0.3329, 0.3484
Android (android.graphics.Color)	4293451211 (0xFFE8DDCB)
YUV	222.2370, -9.4838, 8.5622
Hunter-Lab	85.5456, -3.7993, 13.4857

Details

The Yxy color **73.1805, 0.3329, 0.3484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6465, 0.2931, 0.3088**, and the grayscale version is **73.2904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6725, 0.3373, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **67.6183, 0.3511, 0.3647**, and if you desaturate by 10%, it is **79.1600, 0.3165, 0.3328**.

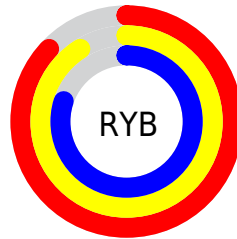
Distribution



Red (91%)

Green (87%)

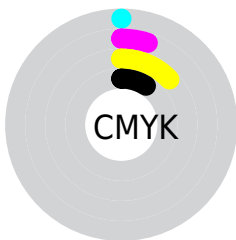
Blue (80%)



Red (87%)

Yellow (91%)

Blue (80%)

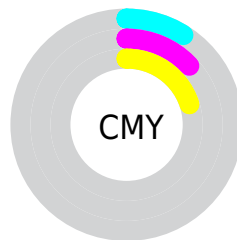


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1805, 0.3329, 0.3484 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 73.1805, 0.3329, 0.3484 by changing the saturation by 10% instead.


 73.1805, 0.3329,
0.3484

 73.1805, 0.3329,
0.3484

471.6402, 0.3236,
0.3394

 54.1236, 0.3350,
0.3504


123.7334, 0.3297,
0.3453

 38.7005, 0.3377,
0.3530


155.9982, 0.3284,
0.3441

 26.5268, 0.3410,
0.3561


193.4344, 0.3273,
0.3430

 17.2181, 0.3454,
0.3603

236.4264, 0.3264,
0.3421

 10.3901, 0.3514,
0.3660

285.3585, 0.3255,
0.3413

 5.6584, 0.3600,
0.3741

340.6153, 0.3248,

 2.6385, 0.3734,

0.3406

0.3866

402.5810, 0.3241,
0.3400

0.9461, 0.4212,
0.4333

0.0000, 0.0000,
0.0000

73.1805, 0.3329,
0.3484

73.1805, 0.3329,
0.3484

67.6183, 0.3511,
0.3647

79.1600, 0.3165,
0.3328

62.4526, 0.3711,
0.3813

85.5576, 0.3020,
0.3181

57.6750, 0.3925,
0.3975

91.1993, 0.2987,
0.3215

53.2730, 0.4151,
0.4125

95.9027, 0.2988,
0.3290

■ 49.2332, 0.4379,
0.4252

■ 45.5408, 0.4600,
0.4344

■ 42.1796, 0.4800,
0.4391

■ 39.1304, 0.4970,
0.4384

■ 37.0318, 0.5078,
0.4350

Harmonies

Analogous

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



73.1805, 0.3369, 0.3412



73.1805, 0.3329, 0.3484



73.1805, 0.3235, 0.3505

Triad

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



73.1805, 0.3329, 0.3484



73.1805, 0.2916, 0.3264



73.1805, 0.3138, 0.3124

Complementary

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



73.1805, 0.3329, 0.3484



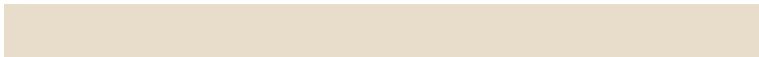
66.6465, 0.2931, 0.3088

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.



73.1805, 0.3018, 0.3084



73.1805, 0.3329, 0.3484



73.1805, 0.2891, 0.3162

Square

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



73.1805, 0.3329, 0.3484



73.1805, 0.2996, 0.3376



73.1805, 0.2928, 0.3097



73.1805, 0.3258, 0.3206

Rectangle

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



73.1805, 0.3329, 0.3484



73.1805, 0.3154, 0.3485



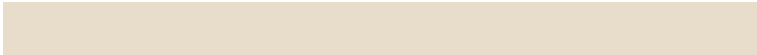
73.1805, 0.2928, 0.3097



73.1805, 0.3096, 0.3105

Sweetspot

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



73.1837, 0.3329, 0.3484



96.9089, 0.3189, 0.3351



64.7392, 0.3271, 0.3170



20.6201, 0.3201, 0.3362



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.



73.1837, 0.3329, 0.3484



88.8392, 0.3374, 0.3525



78.6497, 0.3290, 0.3601



15.8475, 0.3277, 0.3435



20.8009, 0.5060, 0.4365



1.7151, 0.4900, 0.4492

Inverse Universe

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



66.6465, 0.2931, 0.3088



79.2562, 0.2889, 0.3043



61.7211, 0.2953, 0.2964



14.7816, 0.2981, 0.3140



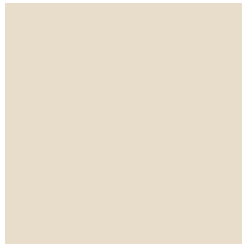
7.3595, 0.1670, 0.1211



0.7186, 0.1751, 0.1503

Previews

White Background



This preview shows how the Yxy color 73.1805, 0.3329, 0.3484 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 73.1805, 0.3329, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

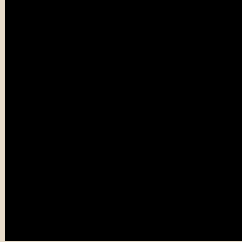
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

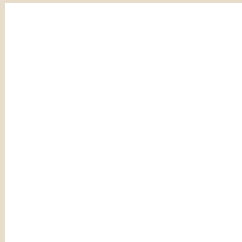
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1805, 0.3329, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 73.1805, 0.3329, 0.3484.

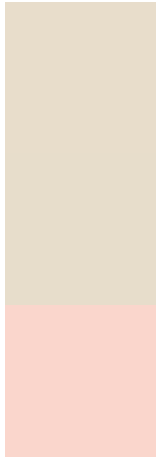


This preview shows how white text looks on a background with the Yxy color 73.1805, 0.3329, 0.3484.

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

73.1805, 0.3329, 0.3484

Protanopia

73.0136, 0.3321, 0.3485

Deuteranopia

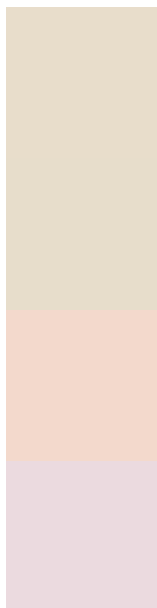
72.7768, 0.3469, 0.3394



Tritanopia

72.8851, 0.3150, 0.3103

Trichromacy



Original Color

73.1805, 0.3329, 0.3484

Protanomaly

73.0136, 0.3321, 0.3485

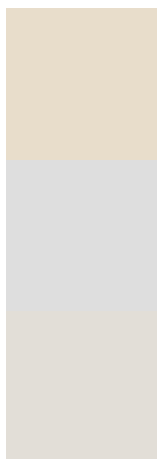
Deuteranomaly

73.0400, 0.3410, 0.3427

Tritanomaly

73.1327, 0.3216, 0.3238

Monochromacy



Original Color

73.1805, 0.3329, 0.3484

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3176, 0.3202, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1805, 0.3329, 0.3484 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(232, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 203)  
}
```

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(232, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 203) }
```

Border

The CSS property to change the border of an element to Yxy 73.1805, 0.3329, 0.3484 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(232, 221, 203) }
```

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

```
.border{ border-color:rgb(232, 221, 203) }
```

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

Here you see how a box with a 4 pixel rgb(232, 221, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1805, 0.3329, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 203) }
```

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

```
.background{ background-color: rgb(232,  
221, 203) }
```

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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