

Converting Colors

$Y_{xy}(73.2575, 0.3510, 0.4028)$

Have a look what the booklet for
Yxy(73.2575, 0.3510, 0.4028)
contains.

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Color

Yxy(73.3111, 0.3503, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	DCE4A2
RGB	220, 228, 162
RGB Percent	86%, 89%, 64%
CMY	0.1374, 0.1058, 0.3647
CMYK	0.04, 0.00, 0.29, 0.11
HSL	67°, 55%, 76%
HSV	67°, 29%, 89%
XYZ	63.7717, 73.3111, 44.9661
YIQ	218.0840, 16.4180, -22.2220

Conversions

Conversions Part 2

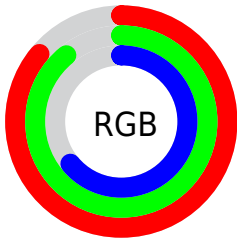
Format	Color
RYB	162, 228, 170
Decimal	14476450
CIELab	88.60, -13.12, 31.40
CIELCh	89, 34.031, 112.678
Yxy	73.3111, 0.3503, 0.4027
Android (android.graphics.Color)	4292666530 (0xFFDCE4A2)
YUV	218.0840, -27.6494, 1.6803
Hunter-Lab	85.6219, -16.8904, 28.7980

Details

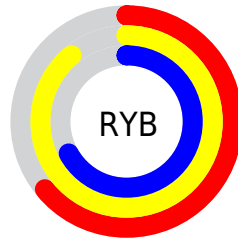
The Yxy color **73.3111, 0.3503, 0.4027** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9899, 0.2680, 0.2463**, and the grayscale version is **70.3558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **38.9054, 0.3575, 0.4206** is the 20% darker color. If you saturate the color by 10%, you get **72.1456, 0.3627, 0.4283**, and if you desaturate by 10%, it is **74.6374, 0.3373, 0.3767**.

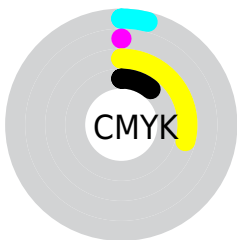
Distribution



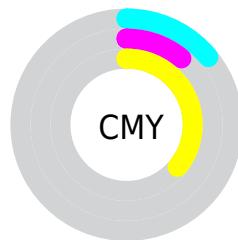
- Red (86%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)





- Cyan (14%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3111, 0.3503, 0.4027 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 73.3111, 0.3503, 0.4027 by changing the saturation by 10% instead.


 73.3111, 0.3503,
0.4027


 73.3111, 0.3503,
0.4027


472.0923, 0.3336,
0.3680

 54.2304, 0.3539,
0.4107


 123.9188, 0.3447,
0.3906

 38.7859, 0.3581,
0.4206

 156.2145, 0.3425,
0.3859

 26.5932, 0.3633,
0.4331


193.6840, 0.3405,
0.3819

 17.2679, 0.3695,
0.4493

236.7117, 0.3388,
0.3784

 10.4257, 0.3770,
0.4712

285.6820, 0.3373,
0.3753

 5.6821, 0.3855,
0.5014

340.9793, 0.3359,

 2.6528, 0.4147,

0.3726

0.5752

402.9879, 0.3347,
0.3702

0.9533, 0.3800,
0.6200

0.0000, 0.0000,
0.0000

73.3111, 0.3503,
0.4027

73.3111, 0.3503,
0.4027

72.1456, 0.3627,
0.4283

74.6374, 0.3373,
0.3767

71.1231, 0.3740,
0.4525

76.1220, 0.3242,
0.3511


70.2381, 0.3835,
0.4743


77.7751, 0.3114,
0.3265

69.4808, 0.3909,
0.4926

79.6033, 0.2991,
0.3033


 68.8404, 0.3957,
0.5068


 80.1854, 0.2998,
0.3017

 68.3035, 0.3979,
0.5164


 80.6593, 0.3017,
0.3019

 67.8502, 0.3978,
0.5219

 81.1406, 0.3035,
0.3020

 67.8050, 0.3977,
0.5224

 81.6293, 0.3054,
0.3022

 82.1255, 0.3072,
0.3023

Harmonies

Analogous

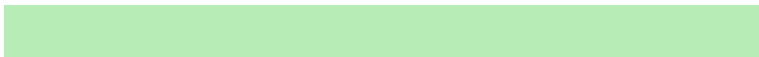
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3111, 0.3817, 0.3902



73.3111, 0.3503, 0.4027



73.3111, 0.3101, 0.3928

Triad

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



73.3111, 0.3503, 0.4027



73.3111, 0.2372, 0.2872



73.3111, 0.3524, 0.2985

Complementary

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



73.3111, 0.3503, 0.4027



39.9899, 0.2680, 0.2463

Split Complementary

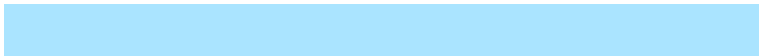
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3111, 0.3111, 0.2748



73.3111, 0.3503, 0.4027



73.3111, 0.2465, 0.2670

Square

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



73.3111, 0.3503, 0.4027



73.3111, 0.2461, 0.3216



73.3111, 0.2727, 0.2633



73.3111, 0.3837, 0.3299

Rectangle

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



73.3111, 0.3503, 0.4027



73.3111, 0.2839, 0.3739



73.3111, 0.2727, 0.2633



73.3111, 0.3391, 0.2895

Sweetspot

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



73.3144, 0.3503, 0.4027



98.0822, 0.3244, 0.3513



47.7394, 0.3742, 0.3381



20.9309, 0.3263, 0.3550



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.



73.3144, 0.3503, 0.4027



93.5184, 0.3582, 0.4188



68.7066, 0.3262, 0.4087



16.7234, 0.3249, 0.3523



39.1819, 0.3981, 0.5221



2.9206, 0.4014, 0.5195

Inverse Universe

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



39.9899, 0.2680, 0.2463



43.7055, 0.2564, 0.2255



44.0948, 0.2945, 0.2523



13.9709, 0.2999, 0.3048



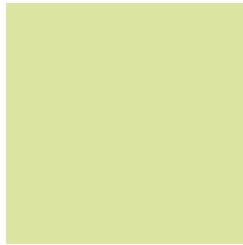
3.4024, 0.1546, 0.0625



0.2791, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 73.3111, 0.3503, 0.4027 looks on a white background.

Color Contrast Check

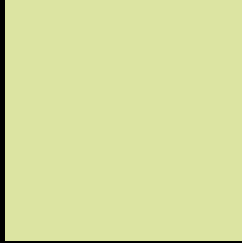
Large Text (above 18pt) WCAG AA × Fail

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 73.3111, 0.3503, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

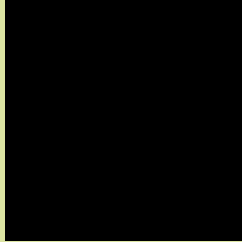
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

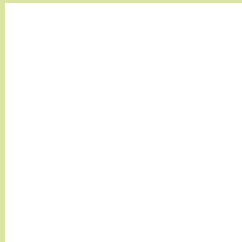
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3111, 0.3503, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 73.3111, 0.3503, 0.4027.



This preview shows how white text looks on a background with the Yxy color 73.3111, 0.3503, 0.4027.

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

73.3111, 0.3503, 0.4027

Protanopia

73.0965, 0.3686, 0.3964

Deuteranopia

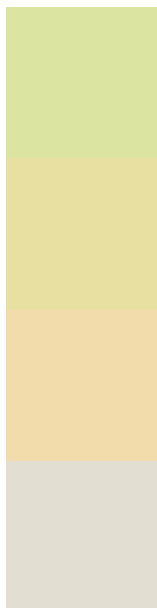
73.0752, 0.3697, 0.3672



Tritanopia

73.3772, 0.3086, 0.3111

Trichromacy



Original Color

73.3111, 0.3503, 0.4027

Protanomaly

73.0052, 0.3619, 0.3986

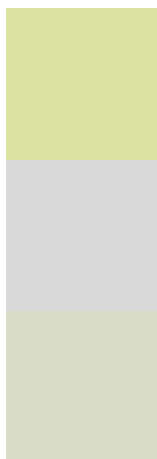
Deuteranomaly

73.0422, 0.3625, 0.3801

Tritanomaly

73.0148, 0.3242, 0.3431

Monochromacy



Original Color

73.3111, 0.3503, 0.4027

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3798, 0.3266, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3111, 0.3503, 0.4027 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(220, 228, 162)` looks like.

```
.text, #text, p{  
    color:rgb(220, 228, 162)  
}
```

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(220, 228, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 228, 162) }
```

Border

The CSS property to change the border of an element to Yxy 73.3111, 0.3503, 0.4027 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(220, 228, 162) }
```

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

```
.border{ border-color:rgb(220, 228, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 228, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 228, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 228, 162);  
box-shadow:4px 4px 4px 4px rgb(220, 228,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3111, 0.3503, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 228, 162) }
```

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

```
.background{ background-color: rgb(220,  
228, 162) }
```

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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