

Converting Colors

$Yxy(75.8496, 0.3330, 0.4304)$

Have a look what the booklet for
Yxy(75.8496, 0.3330, 0.4304)
contains.

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Color

Yxy(75.8266, 0.3329, 0.4304)

Conversions

Conversions Part 1

Format	Color
Hex	C0F099
RGB	192, 240, 153
RGB Percent	75%, 94%, 60%
CMY	0.2471, 0.0588, 0.3998
CMYK	0.20, 0.00, 0.36, 0.06
HSL	93°, 74%, 77%
HSV	93°, 36%, 94%
XYZ	58.6493, 75.8266, 41.7011
YIQ	215.7300, -0.6810, -37.2330

Conversions

Conversions Part 2

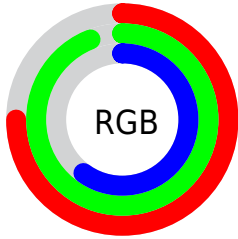
Format	Color
RYB	153, 240, 201
Decimal	12644505
CIELab	89.78, -30.27, 37.14
CIElCh	90, 47.908, 129.183
Yxy	75.8266, 0.3329, 0.4304
Android (android.graphics.Color)	4290834585 (0xFFC0F099)
YUV	215.7300, -30.9259, -20.8112
Hunter-Lab	87.0785, -32.1635, 32.5615

Details

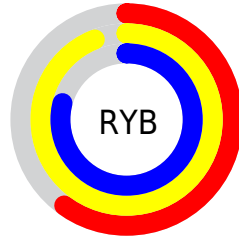
The Yxy color **75.8266, 0.3329, 0.4304** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **41.5153, 0.2838, 0.2300**, and the grayscale version is **68.6940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2138, 0.3366, 0.3756**, and **40.5389, 0.3352, 0.4560** is the 20% darker color. If you saturate the color by 10%, you get **73.4620, 0.3369, 0.4613**, and if you desaturate by 10%, it is **78.5131, 0.3279, 0.4001**.

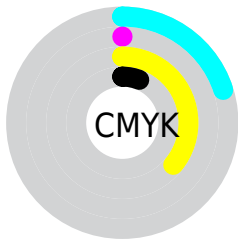
Distribution



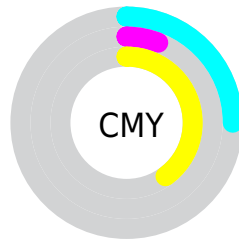
- Red (75%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)




- Cyan (25%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8266, 0.3329, 0.4304 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 75.8266, 0.3329, 0.4304 by changing the saturation by 10% instead.

 75.8266, 0.3329,
0.4304

 75.8266, 0.3329,
0.4304


480.7539, 0.3252,
0.3818

 56.2903, 0.3342,
0.4418


 127.4818, 0.3306,
0.4133

 40.4357, 0.3354,
0.4560


 160.3695, 0.3296,
0.4067

 27.8785, 0.3366,
0.4741


198.4764, 0.3287,
0.4010

 18.2341, 0.3372,
0.4978

242.1870, 0.3279,
0.3961

 11.1182, 0.3365,
0.5300

291.8857, 0.3271,
0.3919

 6.1464, 0.3318,
0.5752


347.9568, 0.3264,

 2.9343, 0.3304,

0.3881

0.6696


410.7847, 0.3258,
0.3848


 1.0975, 0.2090,
0.7910

 0.0000, 0.0000,
0.0000


 75.8266, 0.3329,
0.4304


 75.8266, 0.3329,
0.4304


 73.4620, 0.3369,
0.4613

 78.5131, 0.3279,
0.4001


 71.3957, 0.3396,
0.4914

 81.5243, 0.3223,
0.3713

 69.6161, 0.3404,
0.5192

 84.8754, 0.3164,
0.3445

 68.1066, 0.3392,
0.5430

 88.5779, 0.3105,
0.3201

■ 66.8484, 0.3359,
0.5613

■ 90.8031, 0.3134,
0.3146

■ 65.8193, 0.3308,
0.5737

■ 65.4792, 0.3287,
0.5772

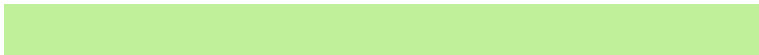
Harmonies

Analogous

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



75.8266, 0.3851, 0.4263



75.8266, 0.3329, 0.4304



75.8266, 0.2779, 0.3986

Triad

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



75.8266, 0.3329, 0.4304



75.8266, 0.2146, 0.2530



75.8266, 0.3950, 0.3091

Complementary

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



75.8266, 0.3329, 0.4304



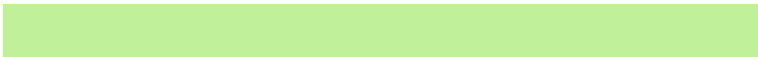
41.5153, 0.2838, 0.2300

Split Complementary

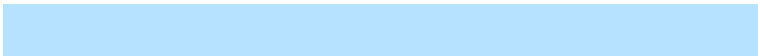
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8266, 0.3419, 0.2716



75.8266, 0.3329, 0.4304



75.8266, 0.2394, 0.2396

Square

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



75.8266, 0.3329, 0.4304



75.8266, 0.2127, 0.2888



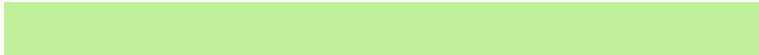
75.8266, 0.2845, 0.2468



75.8266, 0.4242, 0.3529

Rectangle

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



75.8266, 0.3329, 0.4304



75.8266, 0.2470, 0.3626



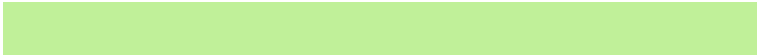
75.8266, 0.2845, 0.2468



75.8266, 0.3791, 0.2955

Sweetspot

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



75.8299, 0.3329, 0.4304



95.5033, 0.3193, 0.3571



62.5421, 0.3813, 0.3813



20.3302, 0.3201, 0.3607



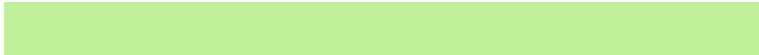
0.0000, 0.0000, 0.0000



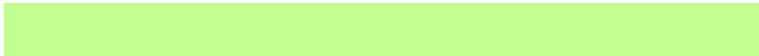
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8299, 0.3329, 0.4304



85.1051, 0.3358, 0.4517



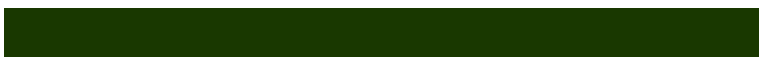
71.5478, 0.3052, 0.4331



18.0029, 0.3183, 0.3529



35.9190, 0.3298, 0.5763



3.0463, 0.3400, 0.5682

Inverse Universe

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



41.5153, 0.2838, 0.2300



40.6844, 0.2766, 0.2097



47.3602, 0.3206, 0.2432



15.6589, 0.3066, 0.3052



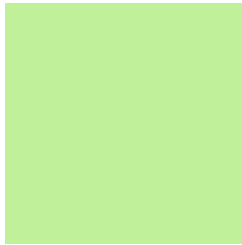
6.2323, 0.2129, 0.0947



0.5774, 0.2264, 0.1021

Previews

White Background



This preview shows how the Yxy color 75.8266, 0.3329, 0.4304 looks on a white background.

Color Contrast Check

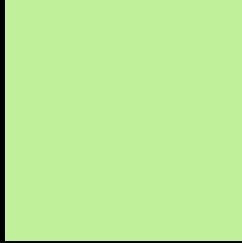
Large Text (above 18pt) WCAG AA × Fail

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 75.8266, 0.3329, 0.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

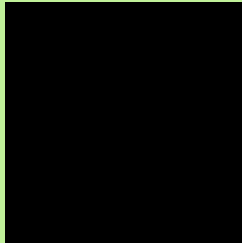
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8266, 0.3329, 0.4304

Background



This preview shows how black text looks on a background with the Yxy color 75.8266, 0.3329, 0.4304.

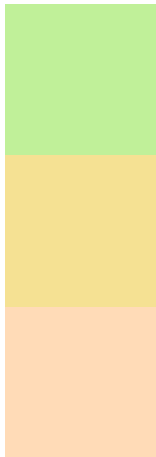


This preview shows how white text looks on a background with the Yxy color 75.8266, 0.3329, 0.4304.

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

75.8266, 0.3329, 0.4304

Protanopia

75.3695, 0.3803, 0.4103

Deuteranopia

75.3419, 0.3649, 0.3660



Tritanopia

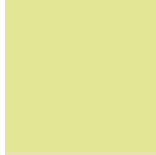
75.8758, 0.2867, 0.3096

Trichromacy



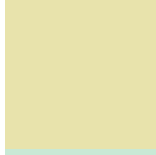
Original Color

75.8266, 0.3329, 0.4304



Protanomaly

74.9323, 0.3626, 0.4175



Deuteranomaly

75.0725, 0.3530, 0.3886



Tritanomaly

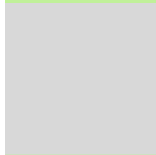
75.4994, 0.3037, 0.3515

Monochromacy



Original Color

75.8266, 0.3329, 0.4304



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.9661, 0.3209, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8266, 0.3329, 0.4304 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(192, 240, 153)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 153)  
}
```

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(192, 240, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 153) }
```

Border

The CSS property to change the border of an element to Yxy 75.8266, 0.3329, 0.4304 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(192, 240, 153) }
```

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

```
.border{ border-color:rgb(192, 240, 153) }
```

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

Here you see how a box with a 4 pixel rgb(192, 240, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 153);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8266, 0.3329, 0.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 153) }
```

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

```
.background{ background-color: rgb(192,  
240, 153) }
```

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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