

Converting Colors

$Yxy(73.0157, 0.3345, 0.4191)$

Have a look what the booklet for
Yxy(73.0157, 0.3345, 0.4191)
contains.

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Color

Yxy(73.0157, 0.3345, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	C4EA9D
RGB	196, 234, 157
RGB Percent	77%, 92%, 62%
CMY	0.2313, 0.0823, 0.3842
CMYK	0.16, 0.00, 0.33, 0.08
HSL	90°, 65%, 77%
HSV	90°, 33%, 92%
XYZ	58.2767, 73.0157, 42.9279
YIQ	213.8600, 2.0690, -32.0030

Conversions

Conversions Part 2

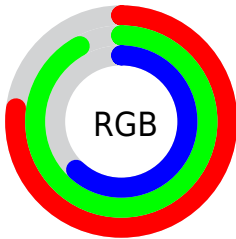
Format	Color
RYB	157, 234, 195
Decimal	12905117
CIELab	88.46, -25.47, 33.44
CIELCh	88, 42.035, 127.289
Yxy	73.0157, 0.3345, 0.4191
Android (android.graphics.Color)	4291095197 (0xFFC4EA9D)
YUV	213.8600, -28.0320, -15.6632
Hunter-Lab	85.4492, -27.7985, 30.0284

Details

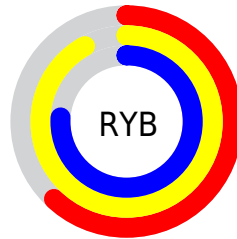
The Yxy color **73.0157, 0.3345, 0.4191** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **41.6647, 0.2834, 0.2390**, and the grayscale version is **67.3409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1561, 0.3368, 0.3712**, and **38.5234, 0.3377, 0.4417** is the 20% darker color. If you saturate the color by 10%, you get **70.8049, 0.3399, 0.4492**, and if you desaturate by 10%, it is **75.5052, 0.3283, 0.3898**.

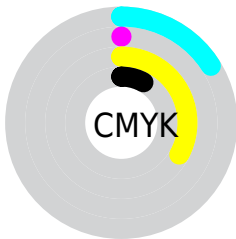
Distribution



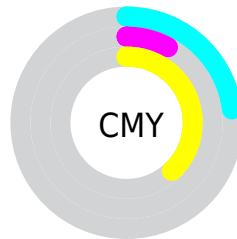
- Red (77%)
- Green (92%)
- Blue (62%)



- Red (62%)
- Yellow (92%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (33%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0157, 0.3345, 0.4191 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 73.0157, 0.3345, 0.4191 by changing the saturation by 10% instead.


 73.0157, 0.3345,
0.4191

 73.0157, 0.3345,
0.4191


471.0692, 0.3256,
0.3758

 53.9888, 0.3362,
0.4293

 123.4995, 0.3317,
0.4038

 38.5927, 0.3380,
0.4420


 155.7252, 0.3305,
0.3979

 26.4430, 0.3399,
0.4583


193.1193, 0.3295,
0.3929

 17.1554, 0.3418,
0.4798

236.0661, 0.3285,
0.3886

 10.3453, 0.3429,
0.5092

284.9501, 0.3277,
0.3848

 5.6285, 0.3415,
0.5511


340.1557, 0.3269,

 2.6205, 0.3509,


0.3814


402.0673, 0.3263,
0.3785


0.6491


 0.9370, 0.2224,
0.7776


 0.0000, 0.0000,
0.0000


 73.0157, 0.3345,
0.4191


 73.0157, 0.3345,
0.4191


 70.8049, 0.3399,
0.4492


 75.5052, 0.3283,
0.3898


 68.8518, 0.3439,
0.4788

 78.2744, 0.3216,
0.3619

 67.1470, 0.3463,
0.5065

 81.3365, 0.3147,
0.3361

 65.6771, 0.3465,
0.5308

 84.7010, 0.3079,
0.3125

 64.4264, 0.3445,
0.5503

 87.0907, 0.3128,
0.3087

 63.3767, 0.3403,
0.5641

 87.3267, 0.3137,
0.3088

 62.7348, 0.3365,
0.5710

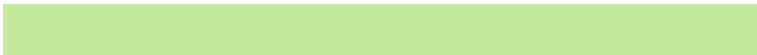
Harmonies

Analogous

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



73.0157, 0.3803, 0.4147



73.0157, 0.3345, 0.4191



73.0157, 0.2850, 0.3928

Triad

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



73.0157, 0.3345, 0.4191



73.0157, 0.2237, 0.2628



73.0157, 0.3833, 0.3092

Complementary

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



73.0157, 0.3345, 0.4191



41.6647, 0.2834, 0.2390

Split Complementary

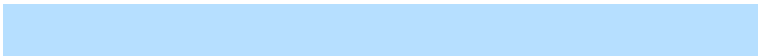
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0157, 0.3356, 0.2756



73.0157, 0.3345, 0.4191



73.0157, 0.2450, 0.2489

Square

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



73.0157, 0.3345, 0.4191



73.0157, 0.2235, 0.2965



73.0157, 0.2848, 0.2541



73.0157, 0.4109, 0.3487

Rectangle

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



73.0157, 0.3345, 0.4191



73.0157, 0.2566, 0.3621



73.0157, 0.2848, 0.2541



73.0157, 0.3688, 0.2970

Sweetspot

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



73.0189, 0.3345, 0.4191



96.1560, 0.3196, 0.3543



58.6127, 0.3756, 0.3708



20.4720, 0.3206, 0.3581



0.0000, 0.0000, 0.0000



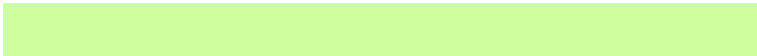
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0189, 0.3345, 0.4191



87.0156, 0.3380, 0.4380



68.5815, 0.3089, 0.4266



17.2371, 0.3192, 0.3528



35.3280, 0.3376, 0.5702



2.8313, 0.3480, 0.5619

Inverse Universe

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



41.6647, 0.2834, 0.2390



43.7726, 0.2762, 0.2201



47.3375, 0.3154, 0.2471



14.9139, 0.3057, 0.3052



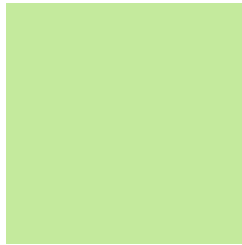
5.4794, 0.2012, 0.0882



0.4874, 0.2163, 0.0965

Previews

White Background



This preview shows how the Yxy color 73.0157, 0.3345, 0.4191 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 73.0157, 0.3345, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

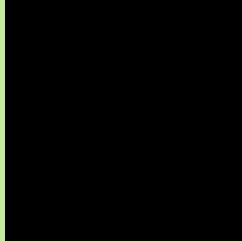
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0157, 0.3345, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 73.0157, 0.3345, 0.4191.



This preview shows how white text looks on a background with the Yxy color 73.0157, 0.3345, 0.4191.

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

73.0157, 0.3345, 0.4191

Protanopia

72.5052, 0.3745, 0.4026

Deuteranopia

72.4483, 0.3723, 0.3693



Tritanopia

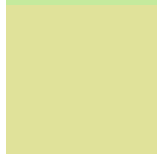
72.5361, 0.2912, 0.3094

Trichromacy



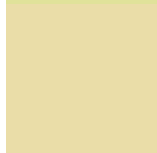
Original Color

73.0157, 0.3345, 0.4191



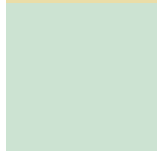
Protanomaly

72.5731, 0.3591, 0.4087



Deuteranomaly

72.0325, 0.3588, 0.3866



Tritanomaly

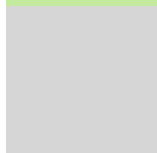
72.4287, 0.3077, 0.3482

Monochromacy



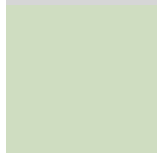
Original Color

73.0157, 0.3345, 0.4191



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

68.8286, 0.3212, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0157, 0.3345, 0.4191 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(196, 234, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 157)  
}
```

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(196, 234, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 157) }
```

Border

The CSS property to change the border of an element to Yxy 73.0157, 0.3345, 0.4191 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(196, 234, 157) }
```

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

```
.border{ border-color:rgb(196, 234, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 234, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0157, 0.3345, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 157) }
```

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

```
.background{ background-color: rgb(196,  
234, 157) }
```

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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