

Converting Colors

Yxy(73.8986, 0.3538, 0.4619)

Have a look what the booklet for
Yxy(73.8986, 0.3538, 0.4619)
contains.

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Color

Yxy(73.6846, 0.3542, 0.4619)

Conversions

Conversions Part 1

Format	Color
Hex	C4ED79
RGB	196, 237, 121
RGB Percent	77%, 93%, 47%
CMY	0.2313, 0.0706, 0.5254
CMYK	0.17, 0.00, 0.49, 0.07
HSL	81°, 76%, 70%
HSV	81°, 49%, 93%
XYZ	56.5038, 73.6846, 29.3366
YIQ	211.5170, 12.8000, -44.7680

Conversions

Conversions Part 2

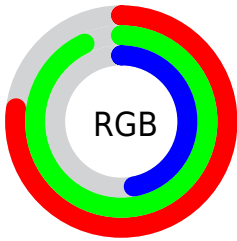
Format	Color
RYB	121, 237, 162
Decimal	12905849
CIELab	88.77, -31.19, 51.47
CIELCh	89, 60.181, 121.215
Yxy	73.6846, 0.3542, 0.4619
Android (android.graphics.Color)	4291095929 (0xFFC4ED79)
YUV	211.5170, -44.6249, -13.6084
Hunter-Lab	85.8397, -32.7224, 39.8248

Details

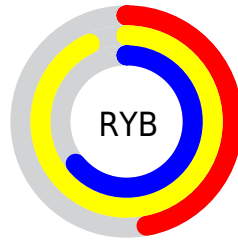
The Yxy color **73.6846, 0.3542, 0.4619** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **27.4736, 0.2502, 0.1857**, and the grayscale version is **65.8004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7254, 0.3590, 0.4068**, and **39.0406, 0.3596, 0.4946** is the 20% darker color. If you saturate the color by 10%, you get **72.0839, 0.3596, 0.4881**, and if you desaturate by 10%, it is **75.4973, 0.3471, 0.4340**.

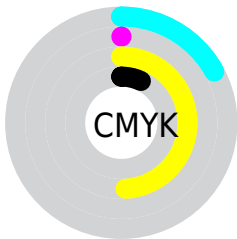
Distribution



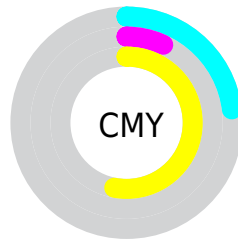
- Red (77%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6846, 0.3542, 0.4619 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 73.6846, 0.3542, 0.4619 by changing the saturation by 10% instead.


 73.6846, 0.3542,
0.4619

 73.6846, 0.3542,
0.4619


473.3841, 0.3381,
0.3985


 54.5359, 0.3568,
0.4764


 124.4486, 0.3494,
0.4398

 39.0303, 0.3594,
0.4942


 156.8327, 0.3473,
0.4312

 26.7833, 0.3617,
0.5164


 194.3975, 0.3454,
0.4238

 17.4105, 0.3627,
0.5444

237.5272, 0.3436,
0.4174

 10.5276, 0.3604,
0.5801

286.6063, 0.3421,
0.4118

 5.7502, 0.3590,
0.6410

342.0193, 0.3406,

 2.6938, 0.3207,

0.4068

0.6793


404.1504, 0.3393,
0.4024

 0.9740, 0.1424,
0.8576


 0.0000, 0.0000,
0.0000


 73.6846, 0.3542,
0.4619


 73.6846, 0.3542,
0.4619


 72.0839, 0.3596,
0.4881


 75.4973, 0.3471,
0.4340


 70.6739, 0.3628,
0.5112

 77.5228, 0.3389,
0.4057

 69.4445, 0.3637,
0.5302

 79.7741, 0.3300,
0.3779


 68.3804, 0.3619,
0.5442


 82.2602, 0.3209,
0.3513

 67.4587, 0.3581,
0.5534

 84.9896, 0.3118,
0.3265

 67.3663, 0.3576,
0.5542

 87.4298, 0.3078,
0.3114

 88.9808, 0.3133,
0.3117

 89.0493, 0.3135,
0.3117

Harmonies

Analogous

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



73.6846, 0.4160, 0.4414



73.6846, 0.3542, 0.4619



73.6846, 0.2848, 0.4349

Triad

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



73.6846, 0.3542, 0.4619



73.6846, 0.1887, 0.2423



73.6846, 0.4010, 0.2899

Complementary

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



73.6846, 0.3542, 0.4619



27.4736, 0.2502, 0.1857

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.



73.6846, 0.3289, 0.2484



73.6846, 0.3542, 0.4619



73.6846, 0.2112, 0.2204

Square

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



73.6846, 0.3542, 0.4619



73.6846, 0.1935, 0.2927



73.6846, 0.2597, 0.2237



73.6846, 0.4483, 0.3412

Rectangle

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



73.6846, 0.3542, 0.4619



73.6846, 0.2437, 0.3917



73.6846, 0.2597, 0.2237



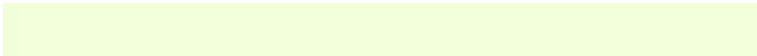
73.6846, 0.3783, 0.2746

Sweetspot

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



73.6879, 0.3542, 0.4619



95.3028, 0.3265, 0.3674



45.0886, 0.4254, 0.3744



20.2685, 0.3284, 0.3731



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.



73.6879, 0.3542, 0.4619



85.0645, 0.3597, 0.4888



67.3884, 0.3153, 0.4798



17.3453, 0.3214, 0.3527



36.8551, 0.3586, 0.5535



2.9475, 0.3671, 0.5467

Inverse Universe

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



27.4736, 0.2502, 0.1857



24.4718, 0.2334, 0.1540



34.9461, 0.3020, 0.2048



14.8078, 0.3035, 0.3050



4.4274, 0.1775, 0.0751



0.3998, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 73.6846, 0.3542, 0.4619 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 73.6846, 0.3542, 0.4619 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 73.6846, 0.3542, 0.4619

Background



This preview shows how black text looks on a background with the Yxy color 73.6846, 0.3542, 0.4619.

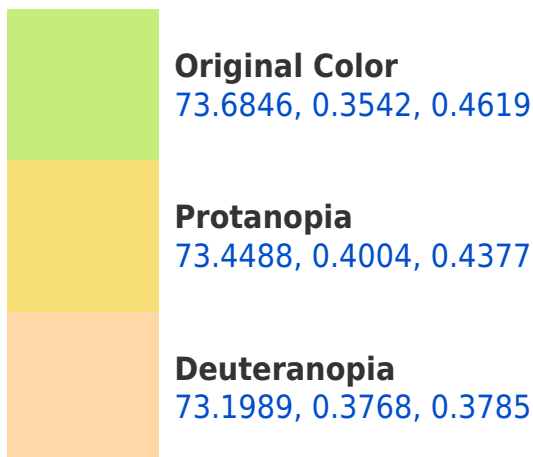


This preview shows how white text looks on a background with the Yxy color 73.6846, 0.3542, 0.4619.

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

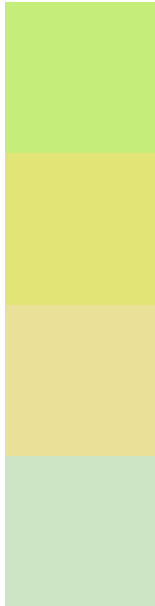




Tritanopia

73.6592, 0.2939, 0.3107

Trichromacy



Original Color

73.6846, 0.3542, 0.4619

Protanomaly

73.1257, 0.3828, 0.4465

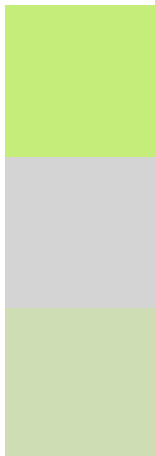
Deuteranomaly

73.0381, 0.3695, 0.4078

Tritanomaly

73.1917, 0.3172, 0.3653

Monochromacy



Original Color

73.6846, 0.3542, 0.4619

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

68.0894, 0.3299, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6846, 0.3542, 0.4619 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, 237, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 121)  
}
```

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, 237, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 121) }
```

Border

The CSS property to change the border of an element to Yxy 73.6846, 0.3542, 0.4619 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, 237, 121) }
```

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

```
.border{ border-color:rgb(196, 237, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 237, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6846, 0.3542, 0.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 121) }
```

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

```
.background{ background-color: rgb(196,  
237, 121) }
```

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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