

Converting Colors

Yxy(84.2062, 0.3605, 0.4990)

Have a look what the booklet for
Yxy(84.2062, 0.3605, 0.4990)
contains.

Yxy(84.1985, 0.3606, 0.4993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.1985, 0.3606, 0.4993)

Conversions

Conversions Part 1

Format	Color
Hex	C5FF5E
RGB	197, 255, 94
RGB Percent	77%, 100%, 37%
CMY	0.2274, 0.0000, 0.6315
CMYK	0.23, 0.00, 0.63, 0.00
HSL	82°, 100%, 68%
HSV	82°, 63%, 100%
XYZ	60.8091, 84.1985, 23.6255
YIQ	219.3040, 17.1130, -62.3670

Conversions

Conversions Part 2

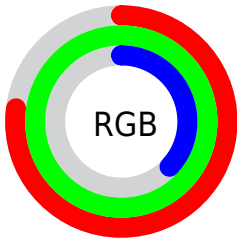
Format	Color
R_{YB}	94, 255, 152
Decimal	12975966
CIE _{Lab}	93.54, -41.30, 68.67
CIE _{LCh}	94, 80.139, 121.024
Yxy	84.1985, 0.3606, 0.4993
Android (android.graphics.Color)	4291166046 (0xFFC5FF5E)
YUV	219.3040, -61.7749, -19.5606
Hunter-Lab	91.7597, -42.2878, 48.9663

Details

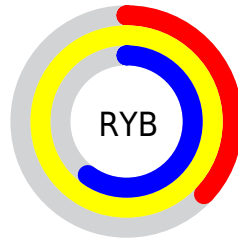
The Yxy color **84.1985, 0.3606, 0.4993** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **21.8870, 0.2274, 0.1423**, and the grayscale version is **71.4902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **45.9814, 0.3630, 0.5366** is the 20% darker color. If you saturate the color by 10%, you get **82.6143, 0.3627, 0.5209**, and if you desaturate by 10%, it is **86.0138, 0.3562, 0.4741**.

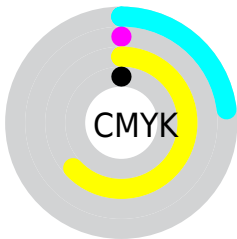
Distribution



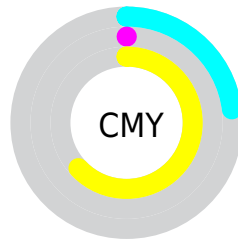
- Red (77%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1985, 0.3606, 0.4993 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 84.1985, 0.3606, 0.4993 by changing the saturation by 10% instead.


 84.1985, 0.3606,
0.4993


 84.1985, 0.3606,
0.4993


508.9722, 0.3448,
0.4205

 63.1793, 0.3623,
0.5164


 139.2528, 0.3566,
0.4725

 45.9863, 0.3633,
0.5367


 174.0568, 0.3546,
0.4619

 32.2350, 0.3629,
0.5611


 214.2244, 0.3527,
0.4527

 21.5411, 0.3596,
0.5903

 260.1402, 0.3509,
0.4446

 13.5201, 0.3521,
0.6272

312.1884, 0.3492,
0.4375

 7.7876, 0.3328,
0.6672


370.7536, 0.3476,


 3.9594, 0.2925,


0.4312


0.7075


436.2200, 0.3462,
0.4255


 1.6509, 0.2013,
0.7987


 0.3915, 0.0000,
1.0000


 84.1985, 0.3606,
0.4993


 84.1985, 0.3606,
0.4993


 82.6143, 0.3627,
0.5209


 86.0138, 0.3562,
0.4741


 81.2376, 0.3622,
0.5379

 88.0682, 0.3499,
0.4466

 80.0503, 0.3594,
0.5497

 90.3771, 0.3422,
0.4181

 79.3273, 0.3563,
0.5553

 92.9527, 0.3337,
0.3898

 95.8061, 0.3246,
0.3625

 98.9478, 0.3156,
0.3367

100.0000, 0.3127,
0.3290

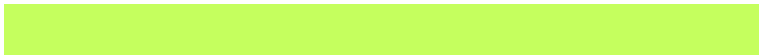
Harmonies

Analogous

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



84.1985, 0.4381, 0.4652



84.1985, 0.3606, 0.4993



84.1985, 0.2752, 0.4689

Triad

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



84.1985, 0.3606, 0.4993



84.1985, 0.1618, 0.2202



84.1985, 0.4243, 0.2789

Complementary

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



84.1985, 0.3606, 0.4993



21.8870, 0.2274, 0.1423

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.



84.1985, 0.3312, 0.2300



84.1985, 0.3606, 0.4993



84.1985, 0.1879, 0.1959

Square

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



84.1985, 0.3606, 0.4993



84.1985, 0.1664, 0.2806



84.1985, 0.2453, 0.2007



84.1985, 0.4846, 0.3392

Rectangle

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



84.1985, 0.3606, 0.4993



84.1985, 0.2251, 0.4107



84.1985, 0.2453, 0.2007



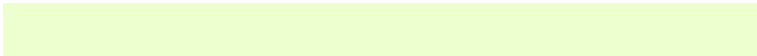
84.1985, 0.3948, 0.2609

Sweetspot

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



84.2007, 0.3606, 0.4993



94.1036, 0.3299, 0.3783



43.9832, 0.4739, 0.3844



19.9713, 0.3325, 0.3862



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.



84.2007, 0.3606, 0.4993



82.2019, 0.3628, 0.5263



76.1869, 0.3136, 0.5278



20.7446, 0.3213, 0.3529



41.5374, 0.3573, 0.5545



4.1060, 0.3644, 0.5489

Inverse Universe

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



21.8870, 0.2274, 0.1423



15.4018, 0.2070, 0.1096



32.1808, 0.2970, 0.1739



17.6960, 0.3035, 0.3048



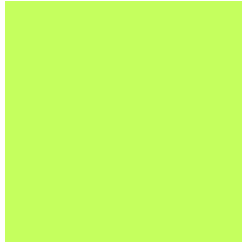
5.0324, 0.1781, 0.0755



0.5489, 0.1904, 0.0823

Previews

White Background



This preview shows how the Yxy color 84.1985, 0.3606, 0.4993 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 84.1985, 0.3606, 0.4993 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 84.1985, 0.3606, 0.4993

Background



This preview shows how black text looks on a background with the Yxy color 84.1985, 0.3606, 0.4993.

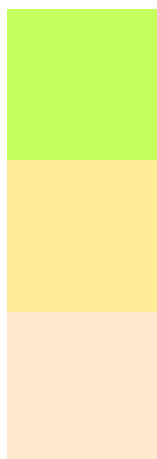


This preview shows how white text looks on a background with the Yxy color 84.1985, 0.3606, 0.4993.

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

84.1985, 0.3606, 0.4993

Protanopia

83.5508, 0.3797, 0.4121

Deuteranopia

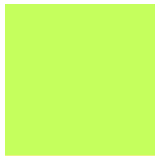
83.3810, 0.3465, 0.3562



Tritanopia

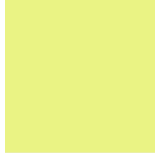
83.5847, 0.2912, 0.3115

Trichromacy



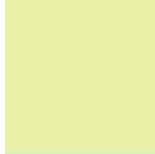
Original Color

84.1985, 0.3606, 0.4993



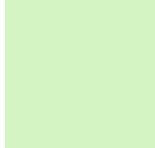
Protanomaly

83.2596, 0.3739, 0.4438



Deuteranomaly

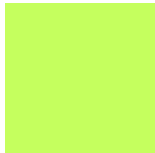
82.5292, 0.3556, 0.4083



Tritanomaly

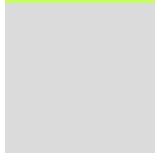
82.6839, 0.3206, 0.3816

Monochromacy



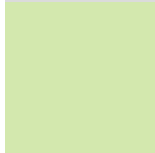
Original Color

84.1985, 0.3606, 0.4993



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

74.6181, 0.3351, 0.3946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1985, 0.3606, 0.4993 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(197, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 94)  
}
```

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(197, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 94) }
```

Border

The CSS property to change the border of an element to Yxy 84.1985, 0.3606, 0.4993 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(197, 255, 94) }
```

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

```
.border{ border-color:rgb(197, 255, 94) }
```

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

Here you see how a box with a 4 pixel rgb(197, 255, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1985, 0.3606, 0.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 94) }
```

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

```
.background{ background-color: rgb(197,  
255, 94) }
```

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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