

Converting Colors

$Yxy(69.4460, 0.3429, 0.4181)$

Have a look what the booklet for
Yxy(69.4460, 0.3429, 0.4181)
contains.

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Color

Yxy(69.4519, 0.3426, 0.4184)

Conversions

Conversions Part 1

Format	Color
Hex	C8E397
RGB	200, 227, 151
RGB Percent	78%, 89%, 59%
CMY	0.2157, 0.1098, 0.4080
CMYK	0.12, 0.00, 0.33, 0.11
HSL	81°, 58%, 74%
HSV	81°, 33%, 89%
XYZ	56.8696, 69.4519, 39.6726
YIQ	210.2630, 8.3040, -29.3600

Conversions

Conversions Part 2

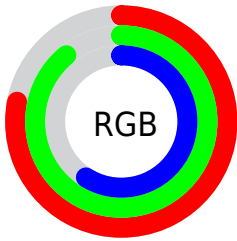
Format	Color
RYB	151, 227, 178
Decimal	13165463
CIELab	86.73, -21.47, 34.27
CIELCh	87, 40.436, 122.063
Yxy	69.4519, 0.3426, 0.4184
Android (android.graphics.Color)	4291355543 (0xFFC8E397)
YUV	210.2630, -29.2167, -9.0007
Hunter-Lab	83.3378, -24.0331, 30.1117

Details

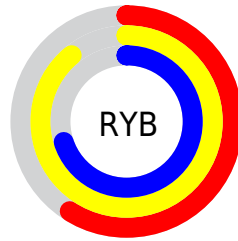
The Yxy color **69.4519, 0.3426, 0.4184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.1345, 0.2740, 0.2350**, and the grayscale version is **64.8207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **36.4256, 0.3479, 0.4419** is the 20% darker color. If you saturate the color by 10%, you get **67.7055, 0.3503, 0.4466**, and if you desaturate by 10%, it is **71.4050, 0.3340, 0.3903**.

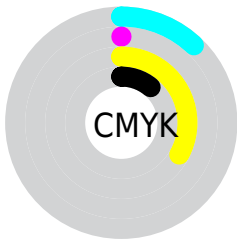
Distribution



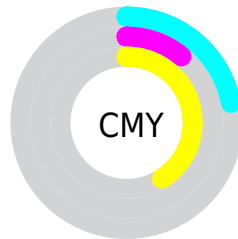
- Red (78%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (22%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4519, 0.3426, 0.4184 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 69.4519, 0.3426, 0.4184 by changing the saturation by 10% instead.


 69.4519, 0.3426,
0.4184


 69.4519, 0.3426,
0.4184


458.6232, 0.3298,
0.3753

 51.0798, 0.3452,
0.4286


 118.4268, 0.3384,
0.4032

 36.2721, 0.3481,
0.4412


 149.7984, 0.3367,
0.3973

 24.6444, 0.3514,
0.4574


186.2720, 0.3352,
0.3923

 15.8124, 0.3550,
0.4788

228.2319, 0.3339,
0.3880

 9.3915, 0.3584,
0.5078

276.0626, 0.3327,
0.3843

 4.9974, 0.3600,
0.5493

330.1485, 0.3316,

 2.2457, 0.3668,

0.3809

0.6332

390.8738, 0.3307,
0.3780

0.7448, 0.1980,
0.8020

0.0000, 0.0000,
0.0000

69.4519, 0.3426,
0.4184

69.4519, 0.3426,
0.4184

67.7055, 0.3503,
0.4466

71.4050, 0.3340,
0.3903

66.1477, 0.3566,
0.4739


73.5641, 0.3250,
0.3631

64.7714, 0.3611,
0.4988


75.9400, 0.3159,
0.3375


63.5657, 0.3633,
0.5203

78.5403, 0.3069,
0.3138

 62.5179, 0.3629,
0.5372

 80.7463, 0.3041,
0.3011

 61.6128, 0.3602,
0.5489

 82.1925, 0.3095,
0.3015

 61.0856, 0.3574,
0.5544

 83.4241, 0.3140,
0.3019

Harmonies

Analogous

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



69.4519, 0.3854, 0.4095



69.4519, 0.3426, 0.4184



69.4519, 0.2938, 0.3978

Triad

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



69.4519, 0.3426, 0.4184



69.4519, 0.2239, 0.2686



69.4519, 0.3746, 0.3033

Complementary

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



69.4519, 0.3426, 0.4184



37.1345, 0.2740, 0.2350

Split Complementary

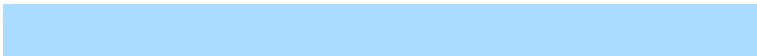
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4519, 0.3263, 0.2720



69.4519, 0.3426, 0.4184



69.4519, 0.2414, 0.2514

Square

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



69.4519, 0.3426, 0.4184



69.4519, 0.2275, 0.3048



69.4519, 0.2776, 0.2534



69.4519, 0.4060, 0.3416

Rectangle

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



69.4519, 0.3426, 0.4184



69.4519, 0.2645, 0.3698



69.4519, 0.2776, 0.2534



69.4519, 0.3596, 0.2918

Sweetspot

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



69.4550, 0.3426, 0.4184



96.7866, 0.3219, 0.3542



50.2416, 0.3806, 0.3601



20.6247, 0.3231, 0.3578



0.0000, 0.0000, 0.0000



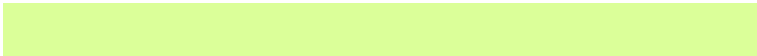
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4550, 0.3426, 0.4184



88.8412, 0.3479, 0.4375



64.8983, 0.3156, 0.4264



16.5476, 0.3213, 0.3526



35.6892, 0.3583, 0.5537



2.6889, 0.3673, 0.5466

Inverse Universe

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



37.1345, 0.2740, 0.2350



40.8533, 0.2641, 0.2137



42.2090, 0.3065, 0.2435



14.1351, 0.3036, 0.3051



4.3057, 0.1779, 0.0753



0.3688, 0.1941, 0.0843

Previews

White Background



This preview shows how the Yxy color 69.4519, 0.3426, 0.4184 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 69.4519, 0.3426, 0.4184 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

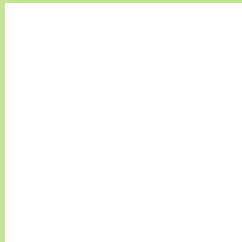
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4519, 0.3426, 0.4184

Background



This preview shows how black text looks on a background with the Yxy color 69.4519, 0.3426, 0.4184.



This preview shows how white text looks on a background with the Yxy color 69.4519, 0.3426, 0.4184.

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

69.4519, 0.3426, 0.4184

Protanopia

69.3945, 0.3755, 0.4050

Deuteranopia

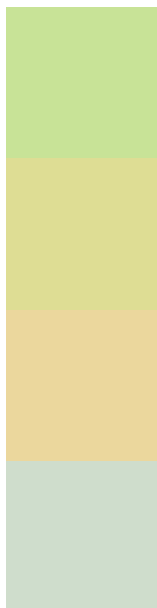
68.9098, 0.3856, 0.3788



Tritanopia

69.4151, 0.2974, 0.3103

Trichromacy



Original Color

69.4519, 0.3426, 0.4184

Protanomaly

69.3806, 0.3631, 0.4108

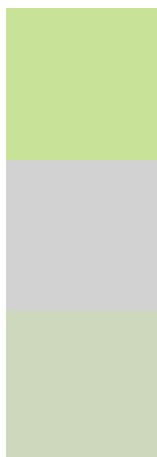
Deuteranomaly

68.6974, 0.3692, 0.3923

Tritanomaly

69.3379, 0.3139, 0.3484

Monochromacy



Original Color

69.4519, 0.3426, 0.4184

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.9077, 0.3237, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4519, 0.3426, 0.4184 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(200, 227, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 227, 151)  
}
```

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(200, 227, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 227, 151) }
```

Border

The CSS property to change the border of an element to Yxy 69.4519, 0.3426, 0.4184 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(200, 227, 151) }
```

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

```
.border{ border-color:rgb(200, 227, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 227, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 227, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 227, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 227,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4519, 0.3426, 0.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 227, 151) }
```

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

```
.background{ background-color: rgb(200,  
227, 151) }
```

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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