

Converting Colors

Yxy(69.9228, 0.3403, 0.4538)

Have a look what the booklet for
Yxy(69.9228, 0.3403, 0.4538)
contains.

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Color

Yxy(69.8346, 0.3404, 0.4531)

Conversions

Conversions Part 1

Format	Color
Hex	B6E982
RGB	182, 233, 130
RGB Percent	71%, 91%, 51%
CMY	0.2861, 0.0863, 0.4903
CMYK	0.22, 0.00, 0.44, 0.09
HSL	90°, 70%, 71%
HSV	90°, 44%, 91%
XYZ	52.4646, 69.8346, 31.8271
YIQ	206.0090, 2.6670, -42.8450

Conversions

Conversions Part 2

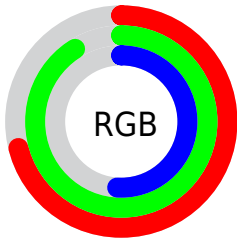
Format	Color
RYB	130, 233, 181
Decimal	11987330
CIELab	86.92, -33.45, 44.71
CIELCh	87, 55.837, 126.802
Yxy	69.8346, 0.3404, 0.4531
Android (android.graphics.Color)	4290177410 (0xFFB6E982)
YUV	206.0090, -37.4724, -21.0559
Hunter-Lab	83.5671, -34.1777, 35.9160

Details

The Yxy color **69.8346, 0.3404, 0.4531** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **31.6621, 0.2703, 0.2051**, and the grayscale version is **61.9754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3314, 0.3441, 0.4015**, and **36.5064, 0.3435, 0.4851** is the 20% darker color. If you saturate the color by 10%, you get **67.9347, 0.3442, 0.4826**, and if you desaturate by 10%, it is **71.9978, 0.3352, 0.4230**.

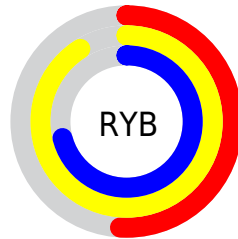
Distribution



Red (71%)

Green (91%)

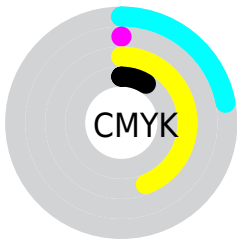
Blue (51%)



Red (51%)

Yellow (91%)

Blue (71%)

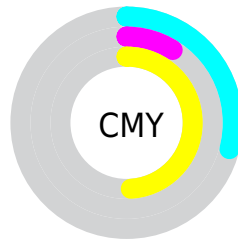


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (9%)



Cyan (29%)


Magenta (9%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8346, 0.3404, 0.4531 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 69.8346, 0.3404, 0.4531 by changing the saturation by 10% instead.

 69.8346, 0.3404,
0.4531

 69.8346, 0.3404,
0.4531


459.9690, 0.3300,
0.3927


 51.3917, 0.3420,
0.4674


 118.9729, 0.3374,
0.4317

 36.5204, 0.3434,
0.4851


 150.4370, 0.3361,
0.4235

 24.8364, 0.3443,
0.5078


 187.0104, 0.3348,
0.4165

 15.9552, 0.3440,
0.5372

229.0773, 0.3337,
0.4104

 9.4925, 0.3404,
0.5764

277.0223, 0.3326,
0.4051

 5.0638, 0.3380,
0.6469


331.2296, 0.3317,

 2.2847, 0.2979,


0.4005

0.7021

392.0837, 0.3308,
0.3964

 0.7656, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.8346, 0.3404,
0.4531


 69.8346, 0.3404,
0.4531


 67.9347, 0.3442,
0.4826


 71.9978, 0.3352,
0.4230


 66.2765, 0.3463,
0.5099

 74.4267, 0.3291,
0.3935


 64.8492, 0.3462,
0.5337


 77.1348, 0.3224,
0.3655

 63.6373, 0.3439,
0.5525


 80.1322, 0.3156,
0.3393

 62.6222, 0.3395,
0.5656

 83.4284, 0.3088,
0.3154

 62.1095, 0.3363,
0.5712

 86.0431, 0.3112,
0.3076

 86.7571, 0.3137,
0.3078

Harmonies

Analogous

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



69.8346, 0.4016, 0.4420



69.8346, 0.3404, 0.4531



69.8346, 0.2751, 0.4185

Triad

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



69.8346, 0.3404, 0.4531



69.8346, 0.1967, 0.2410



69.8346, 0.4070, 0.3008

Complementary

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



69.8346, 0.3404, 0.4531



31.6621, 0.2703, 0.2051

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.



69.8346, 0.3414, 0.2587



69.8346, 0.3404, 0.4531



69.8346, 0.2230, 0.2245

Square

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



69.8346, 0.3404, 0.4531



69.8346, 0.1964, 0.2842



69.8346, 0.2737, 0.2315



69.8346, 0.4449, 0.3509

Rectangle

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



69.8346, 0.3404, 0.4531



69.8346, 0.2381, 0.3748



69.8346, 0.2737, 0.2315



69.8346, 0.3870, 0.2855

Sweetspot

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



69.8377, 0.3404, 0.4531



95.0670, 0.3216, 0.3624



51.4865, 0.4035, 0.3854



20.1821, 0.3232, 0.3684



0.0000, 0.0000, 0.0000



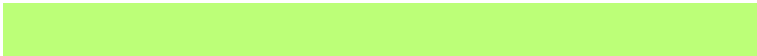
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8377, 0.3404, 0.4531



83.5811, 0.3440, 0.4798



64.7699, 0.3072, 0.4667



17.2361, 0.3192, 0.3528



35.3166, 0.3374, 0.5703



2.8304, 0.3478, 0.5620

Inverse Universe

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



31.6621, 0.2703, 0.2051



31.1456, 0.2588, 0.1784



38.8803, 0.3162, 0.2206



14.9149, 0.3057, 0.3052



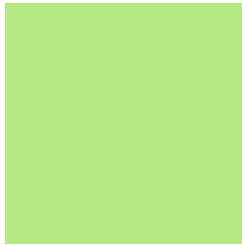
5.4905, 0.2014, 0.0883



0.4883, 0.2165, 0.0966

Previews

White Background



This preview shows how the Yxy color 69.8346, 0.3404, 0.4531 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 69.8346, 0.3404, 0.4531 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 69.8346, 0.3404, 0.4531

Background



This preview shows how black text looks on a background with the Yxy color 69.8346, 0.3404, 0.4531.

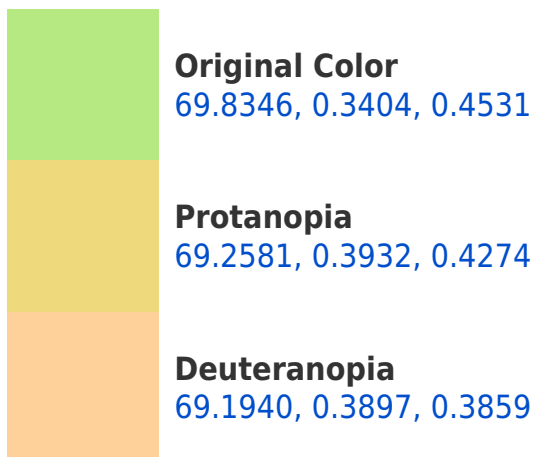


This preview shows how white text looks on a background with the Yxy color 69.8346, 0.3404, 0.4531.

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

69.8917, 0.2864, 0.3100

Trichromacy



Original Color

69.8346, 0.3404, 0.4531



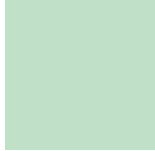
Protanomaly

69.1871, 0.3733, 0.4372



Deuteranomaly

68.6811, 0.3709, 0.4097



Tritanomaly

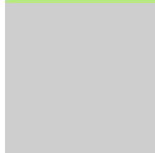
69.1804, 0.3065, 0.3595

Monochromacy



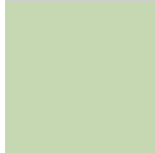
Original Color

69.8346, 0.3404, 0.4531



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.1964, 0.3245, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8346, 0.3404, 0.4531 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(182, 233, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 233, 130)  
}
```

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(182, 233, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 233, 130) }
```

Border

The CSS property to change the border of an element to Yxy 69.8346, 0.3404, 0.4531 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(182, 233, 130) }
```

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

```
.border{ border-color:rgb(182, 233, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 233, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 233, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 233, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 233,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8346, 0.3404, 0.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 233, 130) }
```

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

```
.background{ background-color: rgb(182,  
233, 130) }
```

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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