

Converting Colors

Yxy(50.2215, 0.3438, 0.4608)

Have a look what the booklet for
Yxy(50.2215, 0.3438, 0.4608)
contains.

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Color

Yxy(50.4498, 0.3437, 0.4609)

Conversions

Conversions Part 1

Format	Color
Hex	9DCA6A
RGB	157, 202, 106
RGB Percent	62%, 79%, 42%
CMY	0.3845, 0.2078, 0.5843
CMYK	0.22, 0.00, 0.48, 0.21
HSL	88°, 48%, 60%
HSV	88°, 48%, 79%
XYZ	37.6212, 50.4498, 21.3884
YIQ	177.6010, 3.9960, -39.3960

Conversions

Conversions Part 2

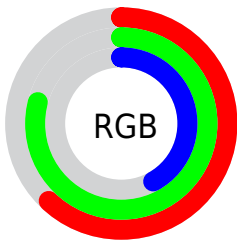
Format	Color
RYB	106, 202, 151
Decimal	10340970
CIELab	76.34, -30.92, 42.95
CIELCh	76, 52.926, 125.750
Yxy	50.4498, 0.3437, 0.4609
Android (android.graphics.Color)	4288531050 (0xFF9DCA6A)
YUV	177.6010, -35.2993, -18.0671
Hunter-Lab	71.0280, -29.7536, 31.8659

Details

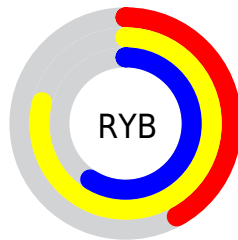
The Yxy color **50.4498, 0.3437, 0.4609** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.1552, 0.2642, 0.1955**, and the grayscale version is **44.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1693, 0.3408, 0.4327**, and **24.3392, 0.3469, 0.5004** is the 20% darker color. If you saturate the color by 10%, you get **49.1637, 0.3475, 0.4892**, and if you desaturate by 10%, it is **51.9133, 0.3385, 0.4315**.

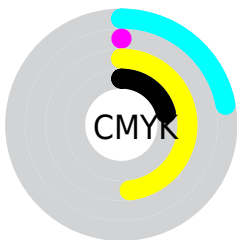
Distribution



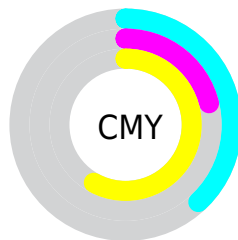
- Red (62%)
- Green (79%)
- Blue (42%)



- Red (42%)
- Yellow (79%)
- Blue (59%)



- Cyan (22%)
- Magenta (0%)
- Yellow (48%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4498, 0.3437, 0.4609 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 50.4498, 0.3437, 0.4609 by changing the saturation by 10% instead.

 50.4498, 0.3437,
0.4609


 50.4498, 0.3437,
0.4609

388.4223, 0.3313,
0.3932


 35.7709, 0.3456,
0.4779


 90.8410, 0.3401,
0.4361

 24.2573, 0.3471,
0.4996


 117.3220, 0.3384,
0.4268

 15.5246, 0.3477,
0.5279


 148.5060, 0.3369,
0.4190

 9.1884, 0.3456,
0.5658

 184.7772, 0.3356,
0.4123

 4.8643, 0.3447,
0.6329

226.5200, 0.3344,
0.4066

 2.1678, 0.3094,
0.6906

274.1189, 0.3332,

 0.7024, 0.0000,

0.4015

1.0000

327.9582, 0.3322,
0.3971

0.0000, 0.0000,
0.0000

50.4498, 0.3437,
0.4609

50.4498, 0.3437,
0.4609

49.1637, 0.3475,
0.4892

51.9133, 0.3385,
0.4315

48.0396, 0.3493,
0.5151

53.5555, 0.3322,
0.4022

47.0700, 0.3490,
0.5370

55.3860, 0.3253,
0.3741


46.2437, 0.3463,
0.5539

57.4118, 0.3181,
0.3476

45.5458, 0.3417,
0.5654


59.6393, 0.3110,
0.3232

 45.3874, 0.3405,
0.5678

 62.0749, 0.3040,
0.3009

 64.7243, 0.2973,
0.2809

 66.7547, 0.2991,
0.2746

 68.3910, 0.3059,
0.2757

Harmonies

Analogous

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



50.4498, 0.4077, 0.4466



50.4498, 0.3437, 0.4609



50.4498, 0.2749, 0.4263

Triad

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



50.4498, 0.3437, 0.4609



50.4498, 0.1907, 0.2374



50.4498, 0.4102, 0.2973

Complementary

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



50.4498, 0.3437, 0.4609



21.1552, 0.2642, 0.1955

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.



50.4498, 0.3402, 0.2539



50.4498, 0.3437, 0.4609



50.4498, 0.2171, 0.2195

Square

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



50.4498, 0.3437, 0.4609



50.4498, 0.1912, 0.2833



50.4498, 0.2692, 0.2263



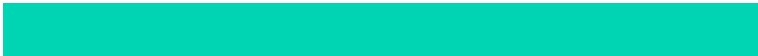
50.4498, 0.4516, 0.3494

Rectangle

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



50.4498, 0.3437, 0.4609



50.4498, 0.2358, 0.3801



50.4498, 0.2692, 0.2263



50.4498, 0.3888, 0.2815

Sweetspot

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



50.4520, 0.3437, 0.4609



94.8709, 0.3229, 0.3650



35.6686, 0.4122, 0.3869



20.1501, 0.3245, 0.3709



0.0000, 0.0000, 0.0000



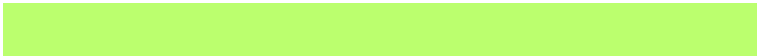
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4520, 0.3437, 0.4609



83.1786, 0.3475, 0.4899



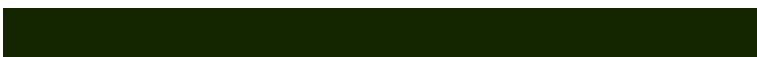
46.5511, 0.3078, 0.4768



12.8251, 0.3195, 0.3524



29.2557, 0.3414, 0.5671



1.5542, 0.3560, 0.5556

Inverse Universe

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



21.1552, 0.2642, 0.1955



27.7429, 0.2504, 0.1657



26.6882, 0.3146, 0.2136



11.0977, 0.3055, 0.3056



4.3538, 0.1973, 0.0860



0.2696, 0.2193, 0.0981

Previews

White Background



This preview shows how the Yxy color 50.4498, 0.3437, 0.4609 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 50.4498, 0.3437, 0.4609 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 50.4498, 0.3437, 0.4609

Background



This preview shows how black text looks on a background with the Yxy color 50.4498, 0.3437, 0.4609.



This preview shows how white text looks on a background with the Yxy color 50.4498, 0.3437, 0.4609.

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

50.4498, 0.3437, 0.4609

Protanopia

50.1714, 0.3978, 0.4332

Deuteranopia

49.9040, 0.4142, 0.4050



Tritanopia

50.3758, 0.2864, 0.3098

Trichromacy



Original Color

50.4498, 0.3437, 0.4609

Protanomaly

49.9380, 0.3772, 0.4432

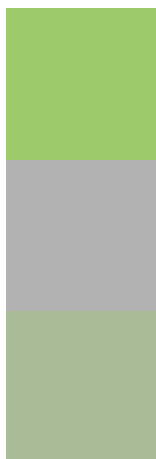
Deuteranomaly

49.2230, 0.3873, 0.4242

Tritanomaly

50.0395, 0.3080, 0.3626

Monochromacy



Original Color

50.4498, 0.3437, 0.4609

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.3537, 0.3256, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4498, 0.3437, 0.4609 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(157, 202, 106)` looks like.

```
.text, #text, p{  
    color:rgb(157, 202, 106)  
}
```

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(157, 202, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 202, 106) }
```

Border

The CSS property to change the border of an element to Yxy 50.4498, 0.3437, 0.4609 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(157, 202, 106) }
```

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

```
.border{ border-color:rgb(157, 202, 106) }
```

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

Here you see how a box with a 4 pixel rgb(157, 202, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 202, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 202, 106);  
box-shadow:4px 4px 4px 4px rgb(157, 202,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4498, 0.3437, 0.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 202, 106) }
```

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

```
.background{ background-color: rgb(157,  
202, 106) }
```

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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