

Converting Colors

Yxy(51.4725, 0.3440, 0.4351)

Have a look what the booklet for
Yxy(51.4725, 0.3440, 0.4351)
contains.

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Color

Yxy(51.6134, 0.3437, 0.4352)

Conversions

Conversions Part 1

Format	Color
Hex	A9C97A
RGB	169, 201, 122
RGB Percent	66%, 79%, 48%
CMY	0.3372, 0.2117, 0.5216
CMYK	0.16, 0.00, 0.39, 0.21
HSL	84°, 42%, 63%
HSV	84°, 39%, 79%
XYZ	40.7618, 51.6134, 26.2218
YIQ	182.4260, 6.2870, -31.3530

Conversions

Conversions Part 2

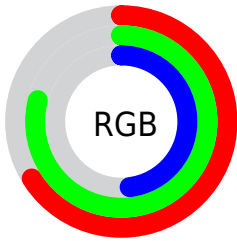
Format	Color
RYB	122, 201, 154
Decimal	11127162
CIELab	77.05, -24.02, 36.00
CIELCh	77, 43.273, 123.709
Yxy	51.6134, 0.3437, 0.4352
Android (android.graphics.Color)	4289317242 (0xFFA9C97A)
YUV	182.4260, -29.7900, -11.7746
Hunter-Lab	71.8425, -24.4475, 28.6495

Details

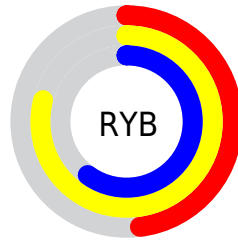
The Yxy color **51.6134, 0.3437, 0.4352** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **25.0022, 0.2697, 0.2188**, and the grayscale version is **47.1876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6227, 0.3400, 0.4133**, and **24.9802, 0.3482, 0.4659** is the 20% darker color. If you saturate the color by 10%, you get **50.2954, 0.3498, 0.4636**, and if you desaturate by 10%, it is **53.0951, 0.3365, 0.4066**.

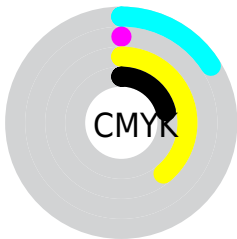
Distribution



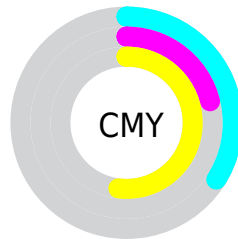
- Red (66%)
- Green (79%)
- Blue (48%)



- Red (48%)
- Yellow (79%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)





- Cyan (34%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6134, 0.3437, 0.4352 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 51.6134, 0.3437, 0.4352 by changing the saturation by 10% instead.


 51.6134, 0.3437,
0.4352

 51.6134, 0.3437,
0.4352


392.9423, 0.3302,
0.3812


 36.6970, 0.3463,
0.4487


 92.5608, 0.3393,
0.4155

 24.9730, 0.3491,
0.4660


 119.3607, 0.3375,
0.4081

 16.0569, 0.3520,
0.4888


 150.8905, 0.3359,
0.4019

 9.5644, 0.3541,
0.5197


187.5346, 0.3345,
0.3965

 5.1111, 0.3538,
0.5641

229.6774, 0.3333,
0.3919

 2.3126, 0.3533,
0.6467

277.7034, 0.3321,

 0.7804, 0.1661,

0.3879

0.8339

331.9969, 0.3311,
0.3843

0.0000, 0.0000,
0.0000

51.6134, 0.3437,
0.4352

51.6134, 0.3437,
0.4352

50.2954, 0.3498,
0.4636

53.0951, 0.3365,
0.4066

49.1268, 0.3543,
0.4905

54.7404, 0.3286,
0.3786

48.1017, 0.3567,
0.5145

56.5580, 0.3204,
0.3521


47.2111, 0.3569,
0.5344

58.5540, 0.3122,
0.3274


46.4441, 0.3546,
0.5494

60.7339, 0.3042,
0.3047

 45.7832, 0.3504,
0.5596

 63.1032, 0.2965,
0.2841

 45.7400, 0.3501,
0.5603

 65.1616, 0.2942,
0.2727

 66.5088, 0.3000,
0.2737

 67.9194, 0.3059,
0.2746

Harmonies

Analogous

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



51.6134, 0.3951, 0.4245



51.6134, 0.3437, 0.4352



51.6134, 0.2866, 0.4092

Triad

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



51.6134, 0.3437, 0.4352



51.6134, 0.2101, 0.2560



51.6134, 0.3885, 0.3008

Complementary

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



51.6134, 0.3437, 0.4352



25.0022, 0.2697, 0.2188

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.



51.6134, 0.3316, 0.2645



51.6134, 0.3437, 0.4352



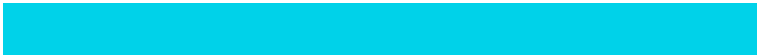
51.6134, 0.2313, 0.2383

Square

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



51.6134, 0.3437, 0.4352



51.6134, 0.2126, 0.2966



51.6134, 0.2740, 0.2421



51.6134, 0.4242, 0.3449

Rectangle

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



51.6134, 0.3437, 0.4352



51.6134, 0.2532, 0.3743



51.6134, 0.2740, 0.2421



51.6134, 0.3709, 0.2875

Sweetspot

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



51.6157, 0.3437, 0.4352



95.9086, 0.3227, 0.3595



36.8005, 0.3935, 0.3704



20.4389, 0.3238, 0.3630



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.



51.6157, 0.3437, 0.4352



86.4619, 0.3489, 0.4590



47.9172, 0.3128, 0.4462



12.1946, 0.3204, 0.3523



28.8129, 0.3510, 0.5595



1.4058, 0.3652, 0.5483

Inverse Universe

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



25.0022, 0.2697, 0.2188



34.7413, 0.2579, 0.1930



29.4843, 0.3091, 0.2306



10.4936, 0.3045, 0.3056



3.8129, 0.1862, 0.0799



0.2226, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 51.6134, 0.3437, 0.4352 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 51.6134, 0.3437, 0.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

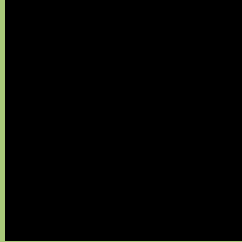
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6134, 0.3437, 0.4352

Background



This preview shows how black text looks on a background with the Yxy color 51.6134, 0.3437, 0.4352.



This preview shows how white text looks on a background with the Yxy color 51.6134, 0.3437, 0.4352.

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

51.6134, 0.3437, 0.4352

Protanopia

51.4003, 0.3843, 0.4166

Deuteranopia

51.4562, 0.4011, 0.3932



Tritanopia

51.5416, 0.2939, 0.3102

Trichromacy



Original Color

51.6134, 0.3437, 0.4352

Protanomaly

51.2529, 0.3691, 0.4241

Deuteranomaly

51.1413, 0.3794, 0.4074

Tritanomaly

51.4725, 0.3131, 0.3551

Monochromacy



Original Color

51.6134, 0.3437, 0.4352

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.2804, 0.3251, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6134, 0.3437, 0.4352 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(169, 201, 122)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 122)  
}
```

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(169, 201, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 122) }
```

Border

The CSS property to change the border of an element to Yxy 51.6134, 0.3437, 0.4352 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(169, 201, 122) }
```

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

```
.border{ border-color:rgb(169, 201, 122) }
```

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

Here you see how a box with a 4 pixel rgb(169, 201, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 122);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6134, 0.3437, 0.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 122) }
```

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

```
.background{ background-color: rgb(169,  
201, 122) }
```

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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