

Converting Colors

Yxy(51.9655, 0.3497, 0.4391)

Have a look what the booklet for
Yxy(51.9655, 0.3497, 0.4391)
contains.

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Color

Yxy(51.9655, 0.3497, 0.4391)

Conversions

Conversions Part 1

Format	Color
Hex	ADC976
RGB	173, 201, 118
RGB Percent	68%, 79%, 46%
CMY	0.3217, 0.2117, 0.5372
CMYK	0.14, 0.00, 0.41, 0.21
HSL	80°, 43%, 63%
HSV	80°, 41%, 79%
XYZ	41.3854, 51.9655, 24.9946
YIQ	183.1660, 9.9550, -31.7490

Conversions

Conversions Part 2

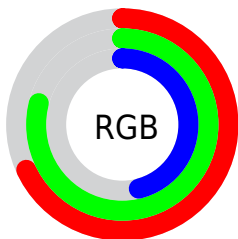
Format	Color
RYB	118, 201, 146
Decimal	11389302
CIELab	77.26, -23.01, 38.33
CIElCh	77, 44.711, 120.977
Yxy	51.9655, 0.3497, 0.4391
Android (android.graphics.Color)	4289579382 (0xFFADC976)
YUV	183.1660, -32.1268, -8.9156
Hunter-Lab	72.0871, -23.6751, 29.9035

Details

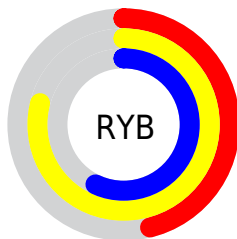
The Yxy color **51.9655, 0.3497, 0.4391** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **23.2968, 0.2616, 0.2110**, and the grayscale version is **47.6242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2833, 0.3456, 0.4165**, and **25.2067, 0.3559, 0.4701** is the 20% darker color. If you saturate the color by 10%, you get **50.7849, 0.3567, 0.4662**, and if you desaturate by 10%, it is **53.2919, 0.3415, 0.4112**.

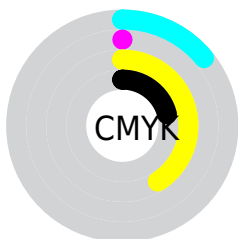
Distribution



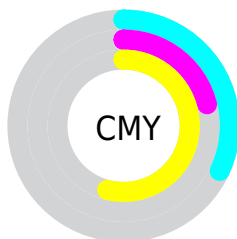
- Red (68%)
- Green (79%)
- Blue (46%)



- Red (46%)
- Yellow (79%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9655, 0.3497, 0.4391 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 51.9655, 0.3497, 0.4391 by changing the saturation by 10% instead.

51.9655, 0.3497,
0.4391

51.9655, 0.3497,
0.4391

394.3034, 0.3335,
0.3834

36.9776, 0.3529,
0.4529

93.0804, 0.3444,
0.4188

25.1901, 0.3564,
0.4705

119.9761, 0.3422,
0.4112

16.2188, 0.3600,
0.4934

151.6099, 0.3403,
0.4048

9.6791, 0.3629,
0.5242

188.3661, 0.3386,
0.3993

5.1867, 0.3644,
0.5691

230.6292, 0.3371,
0.3945

2.3572, 0.3599,
0.6401

278.7835, 0.3358,

0.8037, 0.2010,

0.3903

0.7990

333.2134, 0.3345,
0.3866

0.0000, 0.0000,
0.0000

51.9655, 0.3497,
0.4391

51.9655, 0.3497,
0.4391

50.7849, 0.3567,
0.4662

53.2919, 0.3415,
0.4112

49.7362, 0.3619,
0.4914

54.7637, 0.3325,
0.3836

48.8137, 0.3650,
0.5134


56.3893, 0.3232,
0.3571


48.0085, 0.3657,
0.5312

58.1743, 0.3139,
0.3321

47.3100, 0.3638,
0.5440

60.1242, 0.3048,
0.3089

 46.7720, 0.3607,
0.5518

 62.2438, 0.2962,
0.2877

 64.2956, 0.2903,
0.2721

 65.3806, 0.2951,
0.2729

 66.5091, 0.3000,
0.2737

Harmonies

Analogous

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



51.9655, 0.4013, 0.4247



51.9655, 0.3497, 0.4391



51.9655, 0.2908, 0.4159

Triad

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



51.9655, 0.3497, 0.4391



51.9655, 0.2065, 0.2566



51.9655, 0.3861, 0.2961

Complementary

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



51.9655, 0.3497, 0.4391



23.2968, 0.2616, 0.2110

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.



51.9655, 0.3264, 0.2599



51.9655, 0.3497, 0.4391



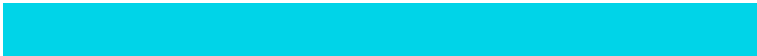
51.9655, 0.2260, 0.2365

Square

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



51.9655, 0.3497, 0.4391



51.9655, 0.2113, 0.3003



51.9655, 0.2680, 0.2386



51.9655, 0.4257, 0.3408

Rectangle

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



51.9655, 0.3497, 0.4391



51.9655, 0.2556, 0.3813



51.9655, 0.2680, 0.2386



51.9655, 0.3674, 0.2827

Sweetspot

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



51.9678, 0.3497, 0.4391



96.2747, 0.3240, 0.3594



34.1885, 0.4019, 0.3655



20.5252, 0.3253, 0.3628



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.



51.9678, 0.3497, 0.4391



87.0492, 0.3563, 0.4647



47.9812, 0.3167, 0.4515



12.2306, 0.3214, 0.3522



29.4565, 0.3615, 0.5511



1.4334, 0.3739, 0.5414

Inverse Universe

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



23.2968, 0.2616, 0.2110



31.1400, 0.2467, 0.1811



27.7671, 0.3030, 0.2240



10.4587, 0.3034, 0.3055



3.4681, 0.1760, 0.0743



0.2042, 0.2001, 0.0876

Previews

White Background



This preview shows how the Yxy color 51.9655, 0.3497, 0.4391 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 51.9655, 0.3497, 0.4391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

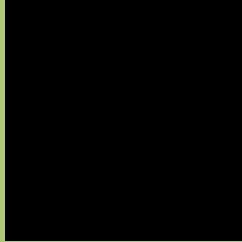
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9655, 0.3497, 0.4391

Background



This preview shows how black text looks on a background with the Yxy color 51.9655, 0.3497, 0.4391.



This preview shows how white text looks on a background with the Yxy color 51.9655, 0.3497, 0.4391.

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

51.9655, 0.3497, 0.4391

Protanopia

51.4517, 0.3882, 0.4208

Deuteranopia

51.5191, 0.4053, 0.3973



Tritanopia

52.0321, 0.2970, 0.3104

Trichromacy



Original Color

51.9655, 0.3497, 0.4391

Protanomaly

51.4235, 0.3738, 0.4282

Deuteranomaly

51.3310, 0.3843, 0.4115

Tritanomaly

51.9100, 0.3171, 0.3562

Monochromacy



Original Color

51.9655, 0.3497, 0.4391

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9138, 0.3274, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9655, 0.3497, 0.4391 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(173, 201, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 118)  
}
```

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(173, 201, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 118) }
```

Border

The CSS property to change the border of an element to Yxy 51.9655, 0.3497, 0.4391 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(173, 201, 118) }
```

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

```
.border{ border-color:rgb(173, 201, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 201, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 118);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9655, 0.3497, 0.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 118) }
```

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

```
.background{ background-color: rgb(173,  
201, 118) }
```

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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