

Converting Colors

Yxy(51.5148, 0.3590, 0.4671)

Have a look what the booklet for
Yxy(51.5148, 0.3590, 0.4671)
contains.

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Color

Yxy(51.5391, 0.3592, 0.4671)

Conversions

Conversions Part 1

Format	Color
Hex	A9CA61
RGB	169, 202, 97
RGB Percent	66%, 79%, 38%
CMY	0.3374, 0.2078, 0.6196
CMYK	0.16, 0.00, 0.52, 0.21
HSL	79°, 50%, 59%
HSV	79°, 52%, 79%
XYZ	39.6336, 51.5391, 19.1658
YIQ	180.1630, 14.0370, -39.6510

Conversions

Conversions Part 2

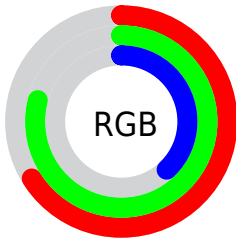
Format	Color
RYB	97, 202, 130
Decimal	11127393
CIELab	77.00, -27.33, 48.27
CIELCh	77, 55.469, 119.524
Yxy	51.5391, 0.3592, 0.4671
Android (android.graphics.Color)	4289317473 (0xFFA9CA61)
YUV	180.1630, -40.9994, -9.7900
Hunter-Lab	71.7907, -27.0891, 34.4250

Details

The Yxy color **51.5391, 0.3592, 0.4671** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **17.5625, 0.2422, 0.1761**, and the grayscale version is **45.9498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8908, 0.3545, 0.4387**, and **24.9467, 0.3652, 0.5060** is the 20% darker color. If you saturate the color by 10%, you get **50.5253, 0.3647, 0.4917**, and if you desaturate by 10%, it is **52.6876, 0.3519, 0.4404**.

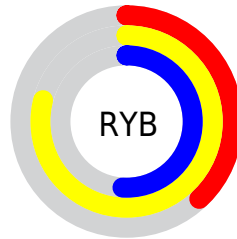
Distribution



Red (66%)

Green (79%)

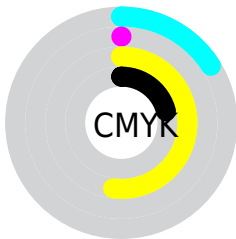
Blue (38%)



Red (38%)

Yellow (79%)

Blue (51%)

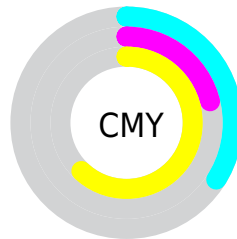


Cyan (16%)

Magenta (0%)

Yellow (52%)

Black (21%)



Cyan (34%)


Magenta (21%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5391, 0.3592, 0.4671 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 51.5391, 0.3592, 0.4671 by changing the saturation by 10% instead.


 51.5391, 0.3592,
0.4671

 51.5391, 0.3592,
0.4671


392.6547, 0.3397,
0.3973

 36.6378, 0.3625,
0.4841


 92.4512, 0.3532,
0.4419


 24.9272, 0.3657,
0.5053


 119.2307, 0.3506,
0.4324

 16.0228, 0.3681,
0.5324


 150.7385, 0.3483,
0.4243

 9.5403, 0.3679,
0.5672

 187.3589, 0.3462,
0.4174

 5.0952, 0.3707,
0.6293

229.4764, 0.3444,
0.4114

 2.3033, 0.3338,
0.6662

277.4752, 0.3427,

 0.7754, 0.0825,

0.4061

0.9175

331.7399, 0.3411,
0.4015

■ 0.0000, 0.0000,
0.0000

■ 51.5391, 0.3592,
0.4671

■ 51.5391, 0.3592,
0.4671

■ 50.5253, 0.3647,
0.4917

■ 52.6876, 0.3519,
0.4404

■ 49.6314, 0.3680,
0.5129

■ 53.9711, 0.3433,
0.4129

■ 48.8508, 0.3688,
0.5299

■ 55.3984, 0.3340,
0.3854

■ 48.1726, 0.3672,
0.5420

■ 56.9755, 0.3243,
0.3589

■ 47.6881, 0.3645,
0.5488

■ 58.7081, 0.3146,
0.3338

■ 60.6015, 0.3052,
0.3105

■ 62.6608, 0.2961,
0.2891

■ 64.6563, 0.2899,
0.2731

■ 65.6664, 0.2944,
0.2738

Harmonies

Analogous

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



51.5391, 0.4223, 0.4428



51.5391, 0.3592, 0.4671



51.5391, 0.2874, 0.4425

Triad

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



51.5391, 0.3592, 0.4671



51.5391, 0.1843, 0.2412



51.5391, 0.4006, 0.2857

Complementary

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



51.5391, 0.3592, 0.4671



17.5625, 0.2422, 0.1761

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.



51.5391, 0.3250, 0.2438



51.5391, 0.3592, 0.4671



51.5391, 0.2058, 0.2173

Square

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



51.5391, 0.3592, 0.4671



51.5391, 0.1906, 0.2947



51.5391, 0.2543, 0.2195



51.5391, 0.4519, 0.3380

Rectangle

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



51.5391, 0.3592, 0.4671



51.5391, 0.2443, 0.3986



51.5391, 0.2543, 0.2195



51.5391, 0.3765, 0.2702

Sweetspot

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



51.5414, 0.3592, 0.4671



95.2906, 0.3284, 0.3700



28.9904, 0.4376, 0.3698



20.2772, 0.3305, 0.3755



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.



51.5414, 0.3592, 0.4671



85.3944, 0.3651, 0.4936



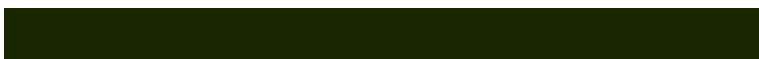
46.9622, 0.3188, 0.4868



12.9128, 0.3218, 0.3522



30.7310, 0.3653, 0.5482



1.6247, 0.3761, 0.5396

Inverse Universe

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



17.5625, 0.2422, 0.1761



21.9226, 0.2237, 0.1431



22.6379, 0.2954, 0.1967



11.0124, 0.3031, 0.3054



3.4785, 0.1728, 0.0725



0.2200, 0.1949, 0.0847

Previews

White Background



This preview shows how the Yxy color 51.5391, 0.3592, 0.4671 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 51.5391, 0.3592, 0.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

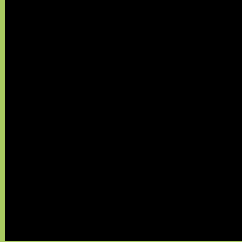
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5391, 0.3592, 0.4671

Background



This preview shows how black text looks on a background with the Yxy color 51.5391, 0.3592, 0.4671.



This preview shows how white text looks on a background with the Yxy color 51.5391, 0.3592, 0.4671.

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

51.5391, 0.3592, 0.4671

Protanopia

51.3189, 0.4046, 0.4421

Deuteranopia

51.1629, 0.4242, 0.4158



Tritanopia

51.1798, 0.2953, 0.3102

Trichromacy



Original Color

51.5391, 0.3592, 0.4671

Protanomaly

50.9938, 0.3880, 0.4515

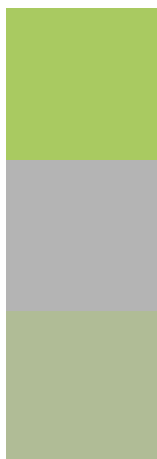
Deuteranomaly

50.8706, 0.3997, 0.4345

Tritanomaly

50.6839, 0.3199, 0.3659

Monochromacy



Original Color

51.5391, 0.3592, 0.4671

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.3986, 0.3322, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5391, 0.3592, 0.4671 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, 202, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 202, 97)  
}
```

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, 202, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 202, 97) }
```

Border

The CSS property to change the border of an element to Yxy 51.5391, 0.3592, 0.4671 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, 202, 97) }
```

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

```
.border{ border-color:rgb(169, 202, 97) }
```

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

Here you see how a box with a 4 pixel rgb(169, 202, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 202, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 202, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 202,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5391, 0.3592, 0.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 202, 97) }
```

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

```
.background{ background-color: rgb(169,  
202, 97) }
```

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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