

Converting Colors

$Yxy(43.5123, 0.3618, 0.4592)$

Have a look what the booklet for
Yxy(43.5123, 0.3618, 0.4592)
contains.

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Color

Yxy(43.4852, 0.3616, 0.4594)

Conversions

Conversions Part 1

Format	Color
Hex	A1BA5D
RGB	161, 186, 93
RGB Percent	63%, 73%, 36%
CMY	0.3687, 0.2705, 0.6353
CMYK	0.13, 0.00, 0.50, 0.27
HSL	76°, 40%, 55%
HSV	76°, 50%, 73%
XYZ	34.2278, 43.4852, 16.9435
YIQ	167.9230, 14.9530, -34.2230

Conversions

Conversions Part 2

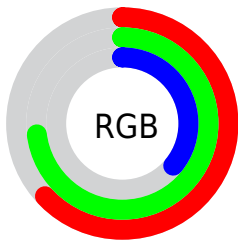
Format	Color
RYB	93, 186, 118
Decimal	10599005
CIELab	71.88, -23.08, 43.95
CIELCh	72, 49.639, 117.706
Yxy	43.4852, 0.3616, 0.4594
Android (android.graphics.Color)	4288789085 (0xFFA1BA5D)
YUV	167.9230, -36.9370, -6.0715
Hunter-Lab	65.9433, -22.7506, 30.9263

Details

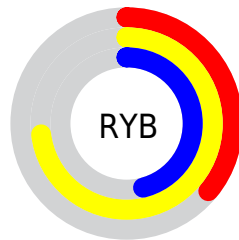
The Yxy color **43.4852, 0.3616, 0.4594** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **15.2276, 0.2417, 0.1817**, and the grayscale version is **39.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3003, 0.3547, 0.4350**, and **20.0680, 0.3697, 0.4990** is the 20% darker color. If you saturate the color by 10%, you get **42.6868, 0.3683, 0.4836**, and if you desaturate by 10%, it is **44.3884, 0.3532, 0.4333**.

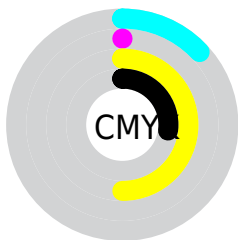
Distribution



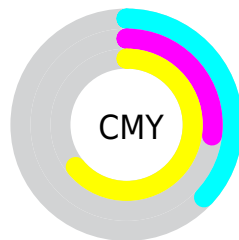
- Red (63%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (46%)



- Cyan (13%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)





- Cyan (37%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4852, 0.3616, 0.4594 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 43.4852, 0.3616, 0.4594 by changing the saturation by 10% instead.


 43.4852, 0.3616,
0.4594


 43.4852, 0.3616,
0.4594


360.6034, 0.3398,
0.3919

 30.2660, 0.3657,
0.4764


 80.4425, 0.3546,
0.4346


 20.0406, 0.3699,
0.4980


 104.9495, 0.3517,
0.4254

 12.4245, 0.3736,
0.5260


 133.9877, 0.3491,
0.4176

 7.0335, 0.3751,
0.5632

 167.9418, 0.3468,
0.4109

 3.4831, 0.3757,
0.6243

207.1960, 0.3448,
0.4052

 1.3888, 0.3309,
0.6691

252.1347, 0.3429,

 0.2085, 0.0000,

0.4002

1.0000

303.1424, 0.3413,
0.3958

■ 0.0000, 0.0000,
0.0000

■ 43.4852, 0.3616,
0.4594

■ 43.4852, 0.3616,
0.4594

■ 42.6868, 0.3683,
0.4836

■ 44.3884, 0.3532,
0.4333

■ 41.9814, 0.3729,
0.5047

■ 45.3963, 0.3437,
0.4063

■ 41.3638, 0.3751,
0.5217

■ 46.5158, 0.3335,
0.3795

■ 40.8259, 0.3748,
0.5341

■ 47.7518, 0.3231,
0.3536

■ 40.3517, 0.3724,
0.5425

■ 49.1085, 0.3127,
0.3290

■ 50.5902, 0.3027,
0.3061

■ 52.2008, 0.2932,
0.2851

■ 53.9442, 0.2843,
0.2660

■ 55.4707, 0.2793,
0.2537

Harmonies

Analogous

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



43.4852, 0.4204, 0.4354



43.4852, 0.3616, 0.4594



43.4852, 0.2932, 0.4387

Triad

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



43.4852, 0.3616, 0.4594



43.4852, 0.1896, 0.2480



43.4852, 0.3920, 0.2851

Complementary

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



43.4852, 0.3616, 0.4594



15.2276, 0.2417, 0.1817

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.



43.4852, 0.3201, 0.2458



43.4852, 0.3616, 0.4594



43.4852, 0.2088, 0.2231

Square

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



43.4852, 0.3616, 0.4594



43.4852, 0.1976, 0.3010



43.4852, 0.2538, 0.2236



43.4852, 0.4427, 0.3351

Rectangle

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



43.4852, 0.3616, 0.4594



43.4852, 0.2514, 0.3989



43.4852, 0.2538, 0.2236



43.4852, 0.3690, 0.2705

Sweetspot

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



43.4871, 0.3616, 0.4594



85.3392, 0.3285, 0.3670



24.1405, 0.4325, 0.3640



18.6899, 0.3307, 0.3726



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.4871, 0.3616, 0.4594



77.2275, 0.3689, 0.4858



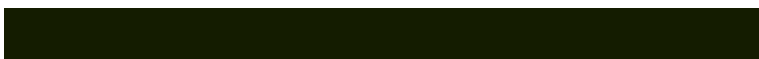
39.5377, 0.3213, 0.4781



10.3785, 0.3224, 0.3519



27.1816, 0.3731, 0.5420



0.9869, 0.3856, 0.5321

Inverse Universe

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



15.2276, 0.2417, 0.1817



20.1937, 0.2223, 0.1472



19.2988, 0.2928, 0.2007



8.8333, 0.3025, 0.3057



2.8748, 0.1677, 0.0697



0.1328, 0.1967, 0.0857

Previews

White Background



This preview shows how the Yxy color 43.4852, 0.3616, 0.4594 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 43.4852, 0.3616, 0.4594 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 43.4852, 0.3616, 0.4594

Background



This preview shows how black text looks on a background with the Yxy color 43.4852, 0.3616, 0.4594.



This preview shows how white text looks on a background with the Yxy color 43.4852, 0.3616, 0.4594.

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

43.4852, 0.3616, 0.4594

Protanopia

43.2582, 0.4010, 0.4378

Deuteranopia

43.3342, 0.4206, 0.4121



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.4852, 0.3616, 0.4594

Protanomaly

43.3429, 0.3861, 0.4462

Deuteranomaly

43.1066, 0.3981, 0.4296

Tritanomaly

43.0083, 0.3242, 0.3639

Monochromacy



Original Color

43.4852, 0.3616, 0.4594

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.5824, 0.3320, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4852, 0.3616, 0.4594 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(161, 186, 93)` looks like.

```
.text, #text, p{  
    color:rgb(161, 186, 93)  
}
```

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(161, 186, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 186, 93) }
```

Border

The CSS property to change the border of an element to Yxy 43.4852, 0.3616, 0.4594 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(161, 186, 93) }
```

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

```
.border{ border-color:rgb(161, 186, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 186, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 186, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 186, 93);  
box-shadow:4px 4px 4px 4px rgb(161, 186,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4852, 0.3616, 0.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 186, 93) }
```

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

```
.background{ background-color: rgb(161,  
186, 93) }
```

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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