

Converting Colors

$Yxy(34.5594, 0.3829, 0.4633)$

Have a look what the booklet for
Yxy(34.5594, 0.3829, 0.4633)
contains.

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Color

Yxy(34.5594, 0.3829, 0.4633)

Conversions

Conversions Part 1

Format	Color
Hex	9DA549
RGB	157, 165, 73
RGB Percent	62%, 65%, 29%
CMY	0.3843, 0.3529, 0.7136
CMYK	0.05, 0.00, 0.56, 0.35
HSL	65°, 39%, 47%
HSV	65°, 56%, 65%
XYZ	28.5620, 34.5594, 11.4726
YIQ	152.1200, 24.7640, -30.3080

Conversions

Conversions Part 2

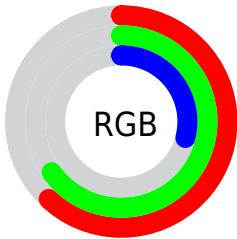
Format	Color
RYB	73, 165, 81
Decimal	10331465
CIELab	65.40, -15.98, 45.89
CIELCh	65, 48.590, 109.196
Yxy	34.5594, 0.3829, 0.4633
Android (android.graphics.Color)	4288521545 (0xFF9DA549)
YUV	152.1200, -39.0062, 4.2798
Hunter-Lab	58.7872, -16.1527, 29.5804

Details

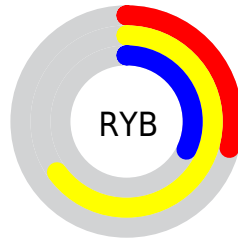
The Yxy color **34.5594, 0.3829, 0.4633** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.2362, 0.2148, 0.1578**, and the grayscale version is **31.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8132, 0.3712, 0.4371**, and **14.7480, 0.3967, 0.5029** is the 20% darker color. If you saturate the color by 10%, you get **34.2266, 0.3917, 0.4822**, and if you desaturate by 10%, it is **34.9552, 0.3721, 0.4414**.

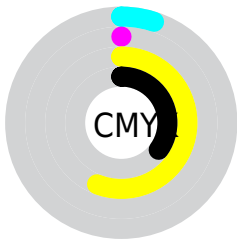
Distribution



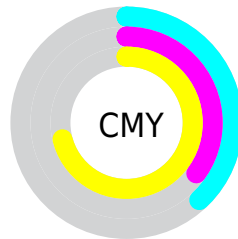
- Red (62%)
- Green (65%)
- Blue (29%)



- Red (29%)
- Yellow (65%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (56%)
- Black (35%)




- Cyan (38%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5594, 0.3829, 0.4633 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 34.5594, 0.3829, 0.4633 by changing the saturation by 10% instead.

 34.5594, 0.3829,
0.4633


 34.5594, 0.3829,
0.4633


322.6193, 0.3496,
0.3927


 23.3237, 0.3897,
0.4811

 66.8026, 0.3717,
0.4373


 14.8327, 0.3969,
0.5034


 88.5789, 0.3672,
0.4276


 8.7020, 0.4036,
0.5315


 114.6376, 0.3632,
0.4194

 4.5474, 0.4177,
0.5823

 145.3629, 0.3598,
0.4125

 1.9842, 0.3947,
0.6053

 181.1393, 0.3568,
0.4065

 0.5983, 0.2299,
0.7701

222.3513, 0.3541,

 0.0000, 0.0000,

0.4013

0.0000

269.3831, 0.3517,
0.3967

■ 34.5594, 0.3829,
0.4633

■ 34.5594, 0.3829,
0.4633

■ 34.2266, 0.3917,
0.4822

■ 34.9552, 0.3721,
0.4414

■ 33.9472, 0.3983,
0.4973

■ 35.4133, 0.3600,
0.4175

■ 33.7175, 0.4023,
0.5082

■ 35.9392, 0.3469,
0.3926

■ 33.5303, 0.4039,
0.5149

■ 36.5364, 0.3335,
0.3674

■ 33.4564, 0.4043,
0.5172

■ 37.2082, 0.3202,
0.3427

■ 37.9575, 0.3073,
0.3191

■ 38.7873, 0.2950,
0.2969

■ 39.7003, 0.2834,
0.2762

■ 40.6991, 0.2727,
0.2573

Harmonies

Analogous

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



34.5594, 0.4388, 0.4275



34.5594, 0.3829, 0.4633



34.5594, 0.3119, 0.4574

Triad

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



34.5594, 0.3829, 0.4633



34.5594, 0.1832, 0.2562



34.5594, 0.3758, 0.2697

Complementary

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



34.5594, 0.3829, 0.4633



9.2362, 0.2148, 0.1578

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.



34.5594, 0.2988, 0.2331



34.5594, 0.3829, 0.4633



34.5594, 0.1953, 0.2223

Square

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



34.5594, 0.3829, 0.4633



34.5594, 0.1995, 0.3196



34.5594, 0.2346, 0.2160



34.5594, 0.4388, 0.3193

Rectangle

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



34.5594, 0.3829, 0.4633



34.5594, 0.2655, 0.4234



34.5594, 0.2346, 0.2160



34.5594, 0.3501, 0.2557

Sweetspot

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



34.5610, 0.3829, 0.4633



65.2532, 0.3356, 0.3713



14.3202, 0.4677, 0.3410



14.2205, 0.3382, 0.3760



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.5610, 0.3829, 0.4633



61.1600, 0.3936, 0.4863



30.7958, 0.3365, 0.4874



8.2058, 0.3249, 0.3513



25.3192, 0.4044, 0.5171



0.5405, 0.4102, 0.5125

Inverse Universe

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



9.2362, 0.2148, 0.1578



11.1794, 0.1910, 0.1188



11.9728, 0.2676, 0.1792



6.8881, 0.3000, 0.3059



2.1382, 0.1536, 0.0620



0.0532, 0.1699, 0.0710

Previews

White Background



This preview shows how the Yxy color 34.5594, 0.3829, 0.4633 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 34.5594, 0.3829, 0.4633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

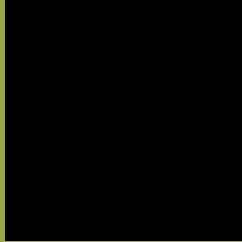
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5594, 0.3829, 0.4633

Background



This preview shows how black text looks on a background with the Yxy color 34.5594, 0.3829, 0.4633.



This preview shows how white text looks on a background with the Yxy color 34.5594, 0.3829, 0.4633.

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

34.5594, 0.3829, 0.4633

Protanopia

34.4813, 0.4089, 0.4485

Deuteranopia

34.4048, 0.4322, 0.4227



Tritanopia

34.4482, 0.3135, 0.3119

Trichromacy



Original Color

34.5594, 0.3829, 0.4633

Protanomaly

34.3926, 0.3992, 0.4535

Deuteranomaly

34.2438, 0.4140, 0.4364

Tritanomaly

34.2763, 0.3407, 0.3680

Monochromacy



Original Color

34.5594, 0.3829, 0.4633

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.4140, 0.3413, 0.3821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5594, 0.3829, 0.4633 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, 165, 73)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 73)  
}
```

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, 165, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 73) }
```

Border

The CSS property to change the border of an element to Yxy 34.5594, 0.3829, 0.4633 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, 165, 73) }
```

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

```
.border{ border-color:rgb(157, 165, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 73);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5594, 0.3829, 0.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 73) }
```

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

```
.background{ background-color: rgb(157,  
165, 73) }
```

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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