

Converting Colors

$Yxy(35.3196, 0.3929, 0.4459)$

Have a look what the booklet for
Yxy(35.3196, 0.3929, 0.4459)
contains.

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Color

Yxy(35.3196, 0.3929, 0.4459)

Conversions

Conversions Part 1

Format	Color
Hex	AAA350
RGB	170, 163, 80
RGB Percent	67%, 64%, 31%
CMY	0.3334, 0.3608, 0.6862
CMYK	0.00, 0.04, 0.53, 0.33
HSL	55°, 36%, 49%
HSV	55°, 53%, 67%
XYZ	31.1215, 35.3196, 12.7686
YIQ	155.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

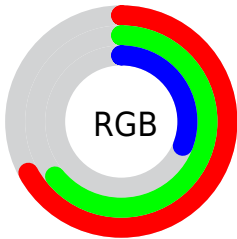
Format	Color
RYB	88, 170, 80
Decimal	11182928
CIELab	66.00, -8.81, 43.48
CIELCh	66, 44.363, 101.456
Yxy	35.3196, 0.3929, 0.4459
Android (android.graphics.Color)	4289373008 (0xFFAAA350)
YUV	155.6310, -37.2861, 12.6016
Hunter-Lab	59.4303, -10.5291, 28.8627

Details

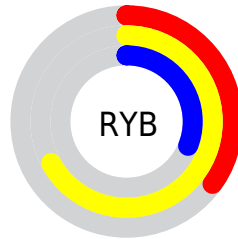
The Yxy color **35.3196, 0.3929, 0.4459** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.4237, 0.2153, 0.1760**, and the grayscale version is **33.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1396, 0.3788, 0.4237**, and **15.3951, 0.4118, 0.4792** is the 20% darker color. If you saturate the color by 10%, you get **34.6348, 0.4058, 0.4633**, and if you desaturate by 10%, it is **36.0761, 0.3785, 0.4258**.

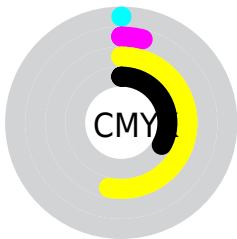
Distribution



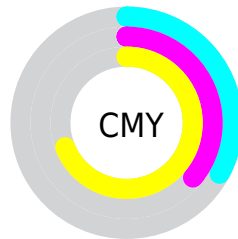
- Red (67%)
- Green (64%)
- Blue (31%)



- Red (35%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (53%)
- Black (33%)





- Cyan (33%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3196, 0.3929, 0.4459 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 35.3196, 0.3929, 0.4459 by changing the saturation by 10% instead.


 35.3196, 0.3929,
0.4459


 35.3196, 0.3929,
0.4459


325.9768, 0.3535,
0.3856

 23.9092, 0.4017,
0.4607


 67.9806, 0.3792,
0.4239

 15.2663, 0.4119,
0.4792


 89.9999, 0.3738,
0.4156

 9.0065, 0.4232,
0.5021


 116.3244, 0.3692,
0.4087

 4.7454, 0.4452,
0.5440

 147.3383, 0.3652,
0.4027

 2.0987, 0.4381,
0.5619

 183.4261, 0.3617,
0.3975

 0.6639, 0.3852,
0.6148

224.9722, 0.3587,

 0.0000, 0.0000,

0.3930

0.0000

272.3610, 0.3560,
0.3891

■ 35.3196, 0.3929,
0.4459

■ 35.3196, 0.3929,
0.4459

■ 34.6348, 0.4058,
0.4633

■ 36.0761, 0.3785,
0.4258

■ 34.0119, 0.4166,
0.4770

■ 36.9039, 0.3631,
0.4038

■ 33.4470, 0.4249,
0.4866

■ 37.8085, 0.3475,
0.3809

■ 32.9333, 0.4306,
0.4920

■ 38.7937, 0.3319,
0.3579

■ 32.5904, 0.4335,
0.4940

■ 39.8628, 0.3170,
0.3354

■ 41.0193, 0.3028,
0.3139

■ 42.2660, 0.2896,
0.2936

■ 43.6059, 0.2774,
0.2748

■ 45.0418, 0.2663,
0.2574

Harmonies

Analogous

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



35.3196, 0.4369, 0.4088



35.3196, 0.3929, 0.4459



35.3196, 0.3301, 0.4505

Triad

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



35.3196, 0.3929, 0.4459



35.3196, 0.1950, 0.2759



35.3196, 0.3523, 0.2645

Complementary

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



35.3196, 0.3929, 0.4459



11.4237, 0.2153, 0.1760

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.



35.3196, 0.2835, 0.2348



35.3196, 0.3929, 0.4459



35.3196, 0.1993, 0.2370

Square

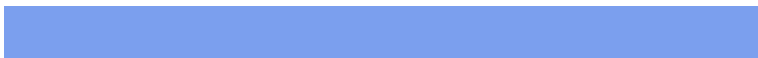
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.3196, 0.3929, 0.4459



35.3196, 0.2176, 0.3394



35.3196, 0.2296, 0.2243



35.3196, 0.4150, 0.3083

Rectangle

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



35.3196, 0.3929, 0.4459



35.3196, 0.2863, 0.4277



35.3196, 0.2296, 0.2243



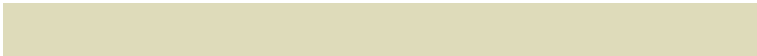
35.3196, 0.3288, 0.2527

Sweetspot

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



35.3212, 0.3929, 0.4459



69.7789, 0.3371, 0.3656



14.9807, 0.4501, 0.3183



15.4811, 0.3402, 0.3702



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.3212, 0.3929, 0.4459



62.5877, 0.4084, 0.4667



34.2710, 0.3503, 0.4724



8.6727, 0.3264, 0.3496



24.0139, 0.4333, 0.4941



0.6125, 0.4282, 0.4982

Inverse Universe

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



11.4237, 0.2153, 0.1760



14.4281, 0.1917, 0.1370



12.4580, 0.2522, 0.1793



7.3906, 0.2986, 0.3075



2.3854, 0.1518, 0.0663



0.0863, 0.1593, 0.0935

Previews

White Background



This preview shows how the Yxy color 35.3196, 0.3929, 0.4459 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 35.3196, 0.3929, 0.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

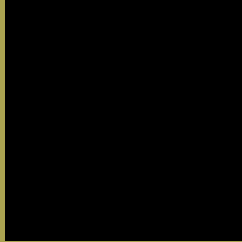
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3196, 0.3929, 0.4459

Background



This preview shows how black text looks on a background with the Yxy color 35.3196, 0.3929, 0.4459.



This preview shows how white text looks on a background with the Yxy color 35.3196, 0.3929, 0.4459.

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

35.3196, 0.3929, 0.4459

Protanopia

35.4014, 0.4025, 0.4413

Deuteranopia

35.2773, 0.4265, 0.4182



Tritanopia

35.3294, 0.3254, 0.3124

Trichromacy



Original Color

35.3196, 0.3929, 0.4459

Protanomaly

35.4038, 0.3986, 0.4440

Deuteranomaly

35.2879, 0.4137, 0.4285

Tritanomaly

34.9772, 0.3518, 0.3607

Monochromacy



Original Color

35.3196, 0.3929, 0.4459

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9319, 0.3434, 0.3759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3196, 0.3929, 0.4459 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(170, 163, 80)` looks like.

```
.text, #text, p{  
    color:rgb(170, 163, 80)  
}
```

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(170, 163, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 163, 80) }
```

Border

The CSS property to change the border of an element to Yxy 35.3196, 0.3929, 0.4459 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(170, 163, 80) }
```

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

```
.border{ border-color:rgb(170, 163, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 163, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 163, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 163, 80);  
box-shadow:4px 4px 4px 4px rgb(170, 163,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3196, 0.3929, 0.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 163, 80) }
```

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

```
.background{ background-color: rgb(170,  
163, 80) }
```

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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