

Converting Colors

Yxy(39.2685, 0.3196, 0.4535)

Have a look what the booklet for
Yxy(39.2685, 0.3196, 0.4535)
contains.

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Color

Yxy(39.4592, 0.3191, 0.4535)

Conversions

Conversions Part 1

Format	Color
Hex	7AB86A
RGB	122, 184, 106
RGB Percent	48%, 72%, 42%
CMY	0.5217, 0.2784, 0.5843
CMYK	0.34, 0.00, 0.42, 0.28
HSL	108°, 35%, 57%
HSV	108°, 42%, 72%
XYZ	27.7650, 39.4592, 19.7862
YIQ	156.5700, -11.9140, -37.4020

Conversions

Conversions Part 2

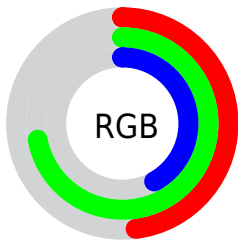
Format	Color
RYB	106, 184, 168
Decimal	8042602
CIELab	69.08, -34.98, 33.41
CIElCh	69, 48.370, 136.311
Yxy	39.4592, 0.3191, 0.4535
Android (android.graphics.Color)	4286232682 (0xFF7AB86A)
YUV	156.5700, -24.9310, -30.3179
Hunter-Lab	62.8166, -31.0317, 25.2962

Details

The Yxy color **39.4592, 0.3191, 0.4535** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.0954, 0.2993, 0.2207**, and the grayscale version is **33.6298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1359, 0.3200, 0.4277**, and **17.5259, 0.3160, 0.4956** is the 20% darker color. If you saturate the color by 10%, you get **38.1297, 0.3191, 0.4869**, and if you desaturate by 10%, it is **41.0350, 0.3183, 0.4205**.

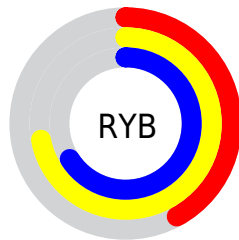
Distribution



Red (48%)

Green (72%)

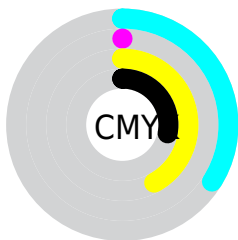
Blue (42%)



Red (42%)

Yellow (72%)

Blue (66%)

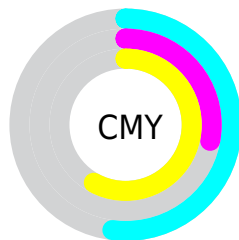


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (28%)



Cyan (52%)


Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4592, 0.3191, 0.4535 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 39.4592, 0.3191, 0.4535 by changing the saturation by 10% instead.


 39.4592, 0.3191,
0.4535


 39.4592, 0.3191,
0.4535


343.8389, 0.3183,
0.3861

 27.1171, 0.3183,
0.4719


 74.3393, 0.3195,
0.4278


 17.6612, 0.3164,
0.4964

 97.6461, 0.3194,
0.4185

 10.7070, 0.3125,
0.5303


 125.3767, 0.3193,
0.4108

 5.8702, 0.3037,
0.5794

 157.9153, 0.3191,
0.4043

 2.7663, 0.3015,
0.6985

195.6465, 0.3189,
0.3987

 1.0110, 0.0915,
0.9085

238.9545, 0.3187,

 0.0000, 0.0000,


0.3939


0.0000


288.2239, 0.3185,
0.3898

 39.4592, 0.3191,
0.4535


 39.4592, 0.3191,
0.4535


 38.1297, 0.3191,
0.4869


 41.0350, 0.3183,
0.4205


 37.0289, 0.3183,
0.5190


 42.8637, 0.3169,
0.3893

 36.1450, 0.3164,
0.5475


 44.9576, 0.3152,
0.3606


 35.4627, 0.3135,
0.5705


 47.3270, 0.3132,
0.3348

 34.9648, 0.3099,
0.5863


 49.9814, 0.3111,
0.3118

 34.6910, 0.3072,
0.5943

 52.9300, 0.3090,
0.2916

 56.1816, 0.3070,
0.2739

 59.7445, 0.3050,
0.2584

 62.5108, 0.3149,
0.2592

Harmonies

Analogous

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



39.4592, 0.3864, 0.4553



39.4592, 0.3191, 0.4535



39.4592, 0.2537, 0.4027

Triad

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



39.4592, 0.3191, 0.4535



39.4592, 0.1977, 0.2288



39.4592, 0.4284, 0.3152

Complementary

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



39.4592, 0.3191, 0.4535



22.0954, 0.2993, 0.2207

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.



39.4592, 0.3660, 0.2682



39.4592, 0.3191, 0.4535



39.4592, 0.2333, 0.2201

Square

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



39.4592, 0.3191, 0.4535



39.4592, 0.1887, 0.2644



39.4592, 0.2929, 0.2345



39.4592, 0.4546, 0.3682

Rectangle

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



39.4592, 0.3191, 0.4535



39.4592, 0.2199, 0.3527



39.4592, 0.2929, 0.2345



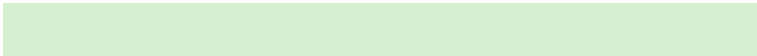
39.4592, 0.4106, 0.2985

Sweetspot

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



39.4609, 0.3191, 0.4535



81.1597, 0.3153, 0.3629



38.9080, 0.3838, 0.4124



17.3093, 0.3157, 0.3690



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.4609, 0.3191, 0.4535



69.2335, 0.3192, 0.4851



38.9095, 0.2919, 0.4209



10.1464, 0.3146, 0.3524



23.9311, 0.3078, 0.5938



0.8700, 0.3255, 0.5798

Inverse Universe

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



22.0954, 0.2993, 0.2207



33.4970, 0.2950, 0.1976



23.1033, 0.3436, 0.2526



9.0674, 0.3106, 0.3062



6.6467, 0.2702, 0.1262



0.2581, 0.2840, 0.1338

Previews

White Background



This preview shows how the Yxy color 39.4592, 0.3191, 0.4535 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 39.4592, 0.3191, 0.4535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

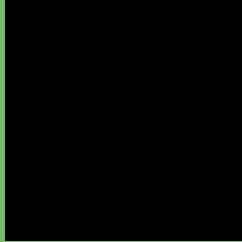
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4592, 0.3191, 0.4535

Background



This preview shows how black text looks on a background with the Yxy color 39.4592, 0.3191, 0.4535.



This preview shows how white text looks on a background with the Yxy color 39.4592, 0.3191, 0.4535.

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

39.4592, 0.3191, 0.4535

Protanopia

39.1157, 0.3883, 0.4211

Deuteranopia

39.0549, 0.4001, 0.3935



Tritanopia

39.1372, 0.2710, 0.3086

Trichromacy



Original Color

39.4592, 0.3191, 0.4535

Protanomaly

38.8085, 0.3605, 0.4341

Deuteranomaly

38.2507, 0.3681, 0.4145

Tritanomaly

39.1347, 0.2890, 0.3596

Monochromacy



Original Color

39.4592, 0.3191, 0.4535

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.4017, 0.3161, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4592, 0.3191, 0.4535 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(122, 184, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 106)  
}
```

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(122, 184, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 106) }
```

Border

The CSS property to change the border of an element to Yxy 39.4592, 0.3191, 0.4535 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(122, 184, 106) }
```

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

```
.border{ border-color:rgb(122, 184, 106) }
```

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

Here you see how a box with a 4 pixel rgb(122, 184, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4592, 0.3191, 0.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 106) }
```

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

```
.background{ background-color: rgb(122,  
184, 106) }
```

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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