

Converting Colors

$Yxy(39.4487, 0.3367, 0.4287)$

Have a look what the booklet for
Yxy(39.4487, 0.3367, 0.4287)
contains.

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Color

Yxy(39.6355, 0.3369, 0.4290)

Conversions

Conversions Part 1

Format	Color
Hex	93B371
RGB	147, 179, 113
RGB Percent	58%, 70%, 44%
CMY	0.4237, 0.2980, 0.5569
CMYK	0.18, 0.00, 0.37, 0.30
HSL	89°, 30%, 57%
HSV	89°, 37%, 70%
XYZ	31.1263, 39.6355, 21.6286
YIQ	161.9080, 2.1140, -27.3100

Conversions

Conversions Part 2

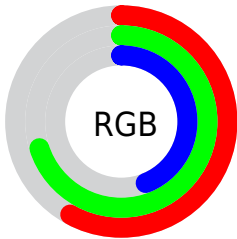
Format	Color
RYB	113, 179, 145
Decimal	9679729
CIELab	69.21, -22.64, 30.22
CIELCh	69, 37.758, 126.842
Yxy	39.6355, 0.3369, 0.4290
Android (android.graphics.Color)	4287869809 (0xFF93B371)
YUV	161.9080, -24.1116, -13.0743
Hunter-Lab	62.9567, -21.9224, 23.7008

Details

The Yxy color **39.6355, 0.3369, 0.4290** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **21.0874, 0.2791, 0.2287**, and the grayscale version is **36.1966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7264, 0.3331, 0.4084**, and **17.7248, 0.3412, 0.4614** is the 20% darker color. If you saturate the color by 10%, you get **38.4998, 0.3419, 0.4584**, and if you desaturate by 10%, it is **40.9149, 0.3309, 0.3999**.

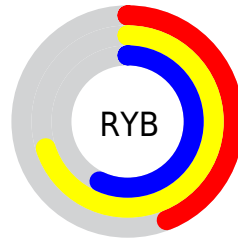
Distribution



Red (58%)

Green (70%)

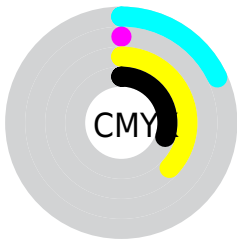
Blue (44%)



Red (44%)

Yellow (70%)

Blue (57%)

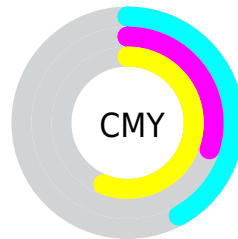


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (30%)



Cyan (42%)


Magenta (30%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6355, 0.3369, 0.4290 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 39.6355, 0.3369, 0.4290 by changing the saturation by 10% instead.

 39.6355, 0.3369,
0.4290


 39.6355, 0.3369,
0.4290


344.5849, 0.3260,
0.3758

 27.2545, 0.3390,
0.4432


 74.6081, 0.3333,
0.4089


 17.7644, 0.3413,
0.4620


 97.9685, 0.3319,
0.4016

 10.7810, 0.3434,
0.4877


 125.7575, 0.3306,
0.3955

 5.9198, 0.3442,
0.5246

 158.3595, 0.3294,
0.3903

 2.7964, 0.3531,
0.6032

196.1588, 0.3284,
0.3859

 1.0264, 0.2886,
0.7114

239.5399, 0.3275,

 0.0000, 0.0000,

0.3821

0.0000

288.8871, 0.3267,
0.3787

■ 39.6355, 0.3369,
0.4290

■ 39.6355, 0.3369,
0.4290

■ 38.4998, 0.3419,
0.4584

■ 40.9149, 0.3309,
0.3999

■ 37.4966, 0.3456,
0.4870

■ 42.3385, 0.3243,
0.3720

■ 36.6211, 0.3474,
0.5133

■ 43.9132, 0.3174,
0.3458

■ 35.8659, 0.3471,
0.5359

■ 45.6439, 0.3106,
0.3217

■ 35.2228, 0.3447,
0.5535


■ 47.5355, 0.3039,
0.2998


 34.6807, 0.3402,
0.5659

 49.5924, 0.2975,
0.2801

 34.5263, 0.3387,
0.5692

 51.8189, 0.2915,
0.2624

 54.1415, 0.2866,
0.2477

 55.5049, 0.2932,
0.2493

Harmonies

Analogous

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



39.6355, 0.3872, 0.4227



39.6355, 0.3369, 0.4290



39.6355, 0.2826, 0.4006

Triad

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



39.6355, 0.3369, 0.4290



39.6355, 0.2155, 0.2566



39.6355, 0.3898, 0.3064

Complementary

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



39.6355, 0.3369, 0.4290



21.0874, 0.2791, 0.2287

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.



39.6355, 0.3369, 0.2703



39.6355, 0.3369, 0.4290



39.6355, 0.2382, 0.2416

Square

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



39.6355, 0.3369, 0.4290



39.6355, 0.2155, 0.2934



39.6355, 0.2811, 0.2472



39.6355, 0.4207, 0.3492

Rectangle

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



39.6355, 0.3369, 0.4290



39.6355, 0.2516, 0.3663



39.6355, 0.2811, 0.2472



39.6355, 0.3737, 0.2933

Sweetspot

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



39.6372, 0.3369, 0.4290



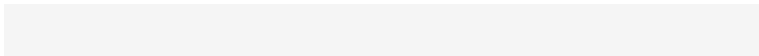
77.3849, 0.3204, 0.3568



30.9983, 0.3835, 0.3752



17.0612, 0.3213, 0.3603



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.6372, 0.3369, 0.4290



69.3539, 0.3410, 0.4522



37.0220, 0.3085, 0.4383



9.6978, 0.3191, 0.3520



24.4320, 0.3396, 0.5686



0.8033, 0.3612, 0.5514

Inverse Universe

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



21.0874, 0.2791, 0.2287



31.4274, 0.2698, 0.2055



24.5179, 0.3157, 0.2390



8.4259, 0.3058, 0.3060



3.7676, 0.2010, 0.0881



0.1533, 0.2329, 0.1056

Previews

White Background



This preview shows how the Yxy color 39.6355, 0.3369, 0.4290 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 39.6355, 0.3369, 0.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

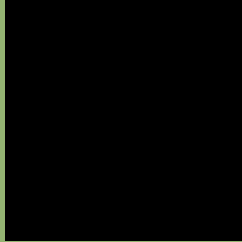
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6355, 0.3369, 0.4290

Background



This preview shows how black text looks on a background with the Yxy color 39.6355, 0.3369, 0.4290.



This preview shows how white text looks on a background with the Yxy color 39.6355, 0.3369, 0.4290.

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

39.6355, 0.3369, 0.4290

Protanopia

39.5473, 0.3792, 0.4111

Deuteranopia

39.1916, 0.3944, 0.3861



Tritanopia

39.3782, 0.2901, 0.3093

Trichromacy



Original Color

39.6355, 0.3369, 0.4290

Protanomaly

39.5590, 0.3634, 0.4187

Deuteranomaly

39.0900, 0.3715, 0.4011

Tritanomaly

39.1281, 0.3073, 0.3510

Monochromacy



Original Color

39.6355, 0.3369, 0.4290

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1870, 0.3231, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6355, 0.3369, 0.4290 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(147, 179, 113)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 113)  
}
```

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(147, 179, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 113) }
```

Border

The CSS property to change the border of an element to Yxy 39.6355, 0.3369, 0.4290 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(147, 179, 113) }
```

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

```
.border{ border-color:rgb(147, 179, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 179, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 179, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 179, 113);  
box-shadow:4px 4px 4px 4px rgb(147, 179,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6355, 0.3369, 0.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 113) }
```

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

```
.background{ background-color: rgb(147,  
179, 113) }
```

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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