

Converting Colors

Yxy(39.2490, 0.3140, 0.4154)

Have a look what the booklet for
Yxy(39.2490, 0.3140, 0.4154)
contains.

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Color

Yxy(39.4339, 0.3143, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	84B57D
RGB	132, 181, 125
RGB Percent	52%, 71%, 49%
CMY	0.4825, 0.2901, 0.5099
CMYK	0.27, 0.00, 0.31, 0.29
HSL	113°, 27%, 60%
HSV	113°, 31%, 71%
XYZ	29.7363, 39.4339, 25.4409
YIQ	159.9650, -11.2280, -27.8040

Conversions

Conversions Part 2

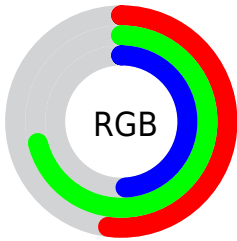
Format	Color
RYB	125, 181, 174
Decimal	8697213
CIELab	69.06, -27.23, 23.48
CIELCh	69, 35.951, 139.226
Yxy	39.4339, 0.3143, 0.4168
Android (android.graphics.Color)	4286887293 (0xFF84B57D)
YUV	159.9650, -17.2377, -24.5253
Hunter-Lab	62.7964, -25.3678, 19.9371

Details

The Yxy color **39.4339, 0.3143, 0.4168** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.0028, 0.3087, 0.2516**, and the grayscale version is **35.2187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2218, 0.3146, 0.3987**, and **17.6957, 0.3135, 0.4480** is the 20% darker color. If you saturate the color by 10%, you get **37.8328, 0.3141, 0.4503**, and if you desaturate by 10%, it is **41.3167, 0.3141, 0.3854**.

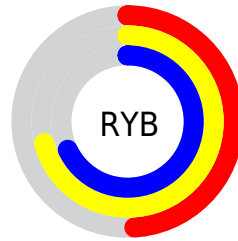
Distribution



Red (52%)

Green (71%)

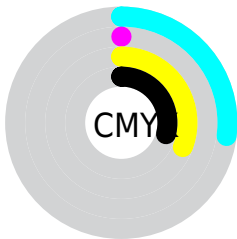
Blue (49%)



Red (49%)

Yellow (71%)

Blue (68%)

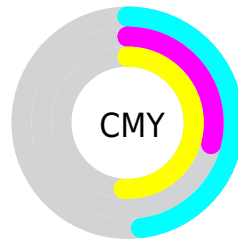


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (48%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4339, 0.3143, 0.4168 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 39.4339, 0.3143, 0.4168 by changing the saturation by 10% instead.


 39.4339, 0.3143,
0.4168

 39.4339, 0.3143,
0.4168


343.7317, 0.3147,
0.3697


 27.0974, 0.3137,
0.4297


 74.3007, 0.3148,
0.3989

 17.6464, 0.3126,
0.4468


 97.5998, 0.3148,
0.3924

 10.6964, 0.3105,
0.4709


 125.3220, 0.3149,
0.3870

 5.8631, 0.3061,
0.5065

157.8515, 0.3148,
0.3824

 2.7620, 0.2974,
0.5677

195.5729, 0.3148,
0.3785

 1.0088, 0.2228,
0.7772

238.8705, 0.3148,

 0.0000, 0.0000,

0.3752

0.0000

288.1286, 0.3147,
0.3722

■ 39.4339, 0.3143,
0.4168

■ 39.4339, 0.3143,
0.4168

■ 37.8328, 0.3141,
0.4503

■ 41.3167, 0.3141,
0.3854

■ 36.4951, 0.3135,
0.4846

■ 43.4886, 0.3135,
0.3568

■ 35.4080, 0.3122,
0.5179


■ 45.9628, 0.3128,
0.3313

■ 34.5557, 0.3104,
0.5477

■ 48.7505, 0.3119,
0.3088

■ 33.9205, 0.3080,
0.5717


■ 51.8621, 0.3110,
0.2892

 33.4823, 0.3054,
0.5883

 55.3076, 0.3101,
0.2722

 33.2294, 0.3033,
0.5974

 59.0965, 0.3091,
0.2574

 61.5326, 0.3161,
0.2566

Harmonies

Analogous

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



39.4339, 0.3657, 0.4245



39.4339, 0.3143, 0.4168



39.4339, 0.2650, 0.3777

Triad

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



39.4339, 0.3143, 0.4168



39.4339, 0.2260, 0.2513



39.4339, 0.4018, 0.3241

Complementary

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



39.4339, 0.3143, 0.4168



27.0028, 0.3087, 0.2516

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.



39.4339, 0.3581, 0.2859



39.4339, 0.3143, 0.4168



39.4339, 0.2563, 0.2452

Square

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



39.4339, 0.3143, 0.4168



39.4339, 0.2168, 0.2782



39.4339, 0.3038, 0.2578



39.4339, 0.4189, 0.3659

Rectangle

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



39.4339, 0.3143, 0.4168



39.4339, 0.2396, 0.3422



39.4339, 0.3038, 0.2578



39.4339, 0.3895, 0.3106

Sweetspot

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



39.4356, 0.3143, 0.4168



78.6333, 0.3134, 0.3520



41.4008, 0.3614, 0.3958



16.8646, 0.3135, 0.3558



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.



39.4356, 0.3143, 0.4168



68.6508, 0.3142, 0.4390



39.4722, 0.2936, 0.3846



9.5391, 0.3134, 0.3524



22.9215, 0.3037, 0.5970



0.7373, 0.3168, 0.5867

Inverse Universe

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



27.0028, 0.3087, 0.2516



42.9049, 0.3075, 0.2348



27.0433, 0.3387, 0.2794



8.5920, 0.3118, 0.3064



7.3634, 0.2901, 0.1372



0.2466, 0.2993, 0.1422

Previews

White Background



This preview shows how the Yxy color 39.4339, 0.3143, 0.4168 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 39.4339, 0.3143, 0.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

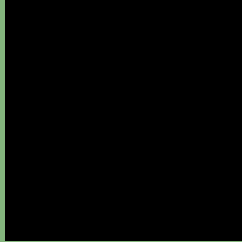
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4339, 0.3143, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 39.4339, 0.3143, 0.4168.



This preview shows how white text looks on a background with the Yxy color 39.4339, 0.3143, 0.4168.

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

39.4339, 0.3143, 0.4168

Protanopia

39.1609, 0.3689, 0.3970

Deuteranopia

38.9450, 0.3789, 0.3714



Tritanopia

39.3146, 0.2768, 0.3088

Trichromacy



Original Color

39.4339, 0.3143, 0.4168

Protanomaly

39.0541, 0.3474, 0.4051

Deuteranomaly

38.4480, 0.3528, 0.3861

Tritanomaly

39.2200, 0.2908, 0.3469

Monochromacy



Original Color

39.4339, 0.3143, 0.4168

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.5959, 0.3140, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4339, 0.3143, 0.4168 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(132, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 181, 125)  
}
```

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(132, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 181, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.4339, 0.3143, 0.4168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

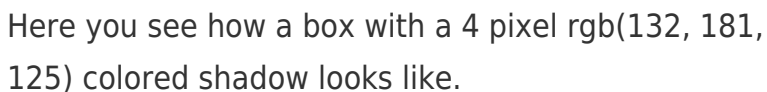
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 181, 125) }
```

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

```
.border{ border-color:rgb(132, 181, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(132, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 181, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 181, 125); box-shadow:4px 4px 4px 4px rgb(132, 181, 125) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.4339, 0.3143, 0.4168$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 181, 125) }
```

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

```
.background{ background-color: rgb(132,  
181, 125) }
```

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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