

Converting Colors

$Yxy(39.6223, 0.3130, 0.4299)$

Have a look what the booklet for
Yxy(39.6223, 0.3130, 0.4299)
contains.

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Color

Yxy(39.6345, 0.3135, 0.4304)

Conversions

Conversions Part 1

Format	Color
Hex	7EB777
RGB	126, 183, 119
RGB Percent	49%, 72%, 47%
CMY	0.5058, 0.2824, 0.5333
CMYK	0.31, 0.00, 0.35, 0.28
HSL	113°, 31%, 59%
HSV	113°, 35%, 72%
XYZ	28.8695, 39.6345, 23.5836
YIQ	158.6610, -13.4280, -31.9880

Conversions

Conversions Part 2

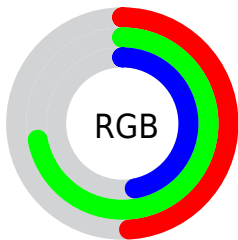
Format	Color
RYB	119, 183, 176
Decimal	8304503
CIELab	69.21, -31.18, 26.80
CIElCh	69, 41.113, 139.316
Yxy	39.6345, 0.3135, 0.4304
Android (android.graphics.Color)	4286494583 (0xFF7EB777)
YUV	158.6610, -19.5529, -28.6437
Hunter-Lab	62.9559, -28.3188, 21.8588

Details

The Yxy color **39.6345, 0.3135, 0.4304** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.8441, 0.3090, 0.2417**, and the grayscale version is **34.6061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4149, 0.3140, 0.4090**, and **17.8633, 0.3103, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **38.0982, 0.3130, 0.4646**, and if you desaturate by 10%, it is **41.4607, 0.3136, 0.3979**.

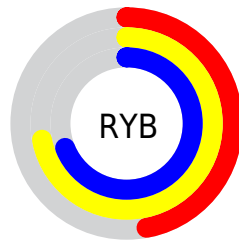
Distribution



Red (49%)

Green (72%)

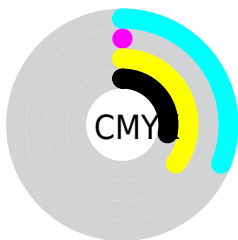
Blue (47%)



Red (47%)

Yellow (72%)

Blue (69%)

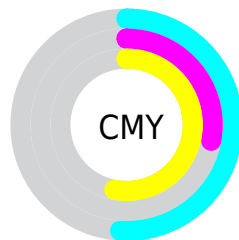


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6345, 0.3135, 0.4304 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 39.6345, 0.3135, 0.4304 by changing the saturation by 10% instead.


 39.6345, 0.3135,
0.4304


 39.6345, 0.3135,
0.4304


344.5806, 0.3147,
0.3757

 27.2537, 0.3125,
0.4454


 74.6066, 0.3144,
0.4096

 17.7638, 0.3108,
0.4653


 97.9667, 0.3146,
0.4020

 10.7806, 0.3076,
0.4932


 125.7554, 0.3147,
0.3958

 5.9195, 0.3011,
0.5345

158.3570, 0.3147,
0.3905

 2.7962, 0.2917,
0.6117

196.1559, 0.3147,
0.3860

 1.0263, 0.1684,
0.8316

239.5365, 0.3147,

 0.0000, 0.0000,

0.3821

0.0000

288.8833, 0.3147,
0.3787

■ 39.6345, 0.3135,
0.4304

■ 39.6345, 0.3135,
0.4304

■ 38.0982, 0.3130,
0.4646

■ 41.4607, 0.3136,
0.3979

■ 36.8320, 0.3120,
0.4989

■ 43.5853, 0.3134,
0.3680

■ 35.8217, 0.3104,
0.5312


■ 46.0226, 0.3130,
0.3412


■ 35.0497, 0.3084,
0.5590


■ 48.7847, 0.3124,
0.3175


■ 34.4961, 0.3061,
0.5801


■ 51.8829, 0.3117,
0.2968

 34.1377, 0.3036,
0.5933

 55.3280, 0.3110,
0.2788

 34.0163, 0.3027,
0.5979

 59.1303, 0.3103,
0.2632

 62.3472, 0.3160,
0.2585

Harmonies

Analogous

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



39.6345, 0.3718, 0.4381



39.6345, 0.3135, 0.4304



39.6345, 0.2579, 0.3849

Triad

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



39.6345, 0.3135, 0.4304



39.6345, 0.2151, 0.2410



39.6345, 0.4146, 0.3228

Complementary

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



39.6345, 0.3135, 0.4304



25.8441, 0.3090, 0.2417

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.



39.6345, 0.3644, 0.2803



39.6345, 0.3135, 0.4304



39.6345, 0.2489, 0.2348

Square

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



39.6345, 0.3135, 0.4304



39.6345, 0.2048, 0.2705



39.6345, 0.3024, 0.2491



39.6345, 0.4338, 0.3695

Rectangle

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



39.6345, 0.3135, 0.4304



39.6345, 0.2297, 0.3433



39.6345, 0.3024, 0.2491



39.6345, 0.4006, 0.3078

Sweetspot

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



39.6362, 0.3135, 0.4304



80.0853, 0.3132, 0.3547



42.2681, 0.3676, 0.4058



17.5549, 0.3133, 0.3585



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.



39.6362, 0.3135, 0.4304



68.8154, 0.3131, 0.4568



39.7893, 0.2906, 0.3914



10.1059, 0.3132, 0.3525



23.7457, 0.3031, 0.5975



0.8527, 0.3141, 0.5888

Inverse Universe

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



25.8441, 0.3090, 0.2417



40.3786, 0.3077, 0.2228



25.7480, 0.3443, 0.2742



9.1115, 0.3121, 0.3064



7.8326, 0.2938, 0.1392



0.2905, 0.3013, 0.1433

Previews

White Background



This preview shows how the Yxy color 39.6345, 0.3135, 0.4304 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 39.6345, 0.3135, 0.4304 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 39.6345, 0.3135, 0.4304

Background



This preview shows how black text looks on a background with the Yxy color 39.6345, 0.3135, 0.4304.



This preview shows how white text looks on a background with the Yxy color 39.6345, 0.3135, 0.4304.

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

39.6345, 0.3135, 0.4304

Protanopia

39.1426, 0.3752, 0.4049

Deuteranopia

39.0871, 0.3857, 0.3775



Tritanopia

39.3062, 0.2725, 0.3087

Trichromacy



Original Color

39.6345, 0.3135, 0.4304

Protanomaly

38.8063, 0.3515, 0.4141

Deuteranomaly

38.5517, 0.3568, 0.3963

Tritanomaly

39.1570, 0.2876, 0.3501

Monochromacy



Original Color

39.6345, 0.3135, 0.4304

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.2219, 0.3137, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6345, 0.3135, 0.4304 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(126, 183, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 119)  
}
```

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(126, 183, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 119) }
```

Border

The CSS property to change the border of an element to Yxy 39.6345, 0.3135, 0.4304 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(126, 183, 119) }
```

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

```
.border{ border-color:rgb(126, 183, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 183, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6345, 0.3135, 0.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 119) }
```

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

```
.background{ background-color: rgb(126,  
183, 119) }
```

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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