

Converting Colors

$Yxy(39.5962, 0.2669, 0.4589)$

Have a look what the booklet for
Yxy(39.5962, 0.2669, 0.4589)
contains.

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Color

Yxy(39.4193, 0.2669, 0.4590)

Conversions

Conversions Part 1

Format	Color
Hex	26C076
RGB	38, 192, 118
RGB Percent	15%, 75%, 46%
CMY	0.8506, 0.2471, 0.5372
CMYK	0.80, 0.00, 0.39, 0.25
HSL	151°, 67%, 45%
HSV	151°, 80%, 75%
XYZ	22.9216, 39.4193, 23.5399
YIQ	137.5180, -68.0300, -55.6620

Conversions

Conversions Part 2

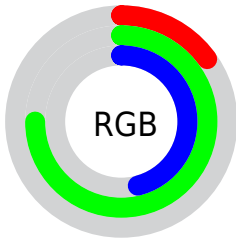
Format	Color
RYB	38, 139, 192
Decimal	2539638
CIELab	69.05, -55.39, 26.61
CIELCh	69, 61.448, 154.340
Yxy	39.4193, 0.2669, 0.4590
Android (android.graphics.Color)	4280729718 (0xFF26C076)
YUV	137.5180, -9.6224, -87.2773
Hunter-Lab	62.7848, -44.7063, 21.7197

Details

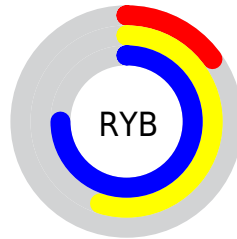
The Yxy color **39.4193, 0.2669, 0.4590** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **13.7712, 0.4544, 0.2467**, and the grayscale version is **25.2911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6265, 0.2773, 0.4314**, and **18.3210, 0.2710, 0.4954** is the 20% darker color. If you saturate the color by 10%, you get **38.9355, 0.2681, 0.4774**, and if you desaturate by 10%, it is **40.1160, 0.2677, 0.4402**.

Distribution



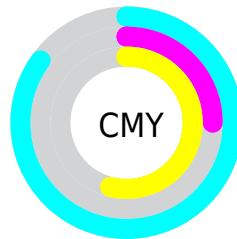
- Red (15%)
- Green (75%)
- Blue (46%)



- Red (15%)
- Yellow (55%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)





- Cyan (85%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4193, 0.2669, 0.4590 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 39.4193, 0.2669, 0.4590 by changing the saturation by 10% instead.


 39.4193, 0.2669,
0.4590


 39.4193, 0.2669,
0.4590


343.6699, 0.2929,
0.3874

 27.0861, 0.2593,
0.4792


 74.2784, 0.2772,
0.4313

 17.6379, 0.2488,
0.5065


 97.5731, 0.2808,
0.4214

 10.6903, 0.2335,
0.5452


 125.2904, 0.2837,
0.4132

 5.8590, 0.2095,
0.6037

 157.8147, 0.2862,
0.4064

 2.7595, 0.1696,
0.7170

 195.5304, 0.2882,
0.4006

 1.0075, 0.0000,
1.0000

238.8219, 0.2900,

 0.0000, 0.0000,

0.3955

0.0000

288.0736, 0.2915,
0.3912

■ 39.4193, 0.2669,
0.4590

■ 39.4193, 0.2669,
0.4590

■ 38.9355, 0.2681,
0.4774

■ 40.1160, 0.2677,
0.4402

■ 38.6128, 0.2707,
0.4946

■ 41.0468, 0.2705,
0.4215

■ 42.2354, 0.2750,
0.4032

■ 43.7012, 0.2809,
0.3859

■ 45.4616, 0.2880,
0.3697

■ 47.5328, 0.2958,
0.3548

■ 49.9296, 0.3040,
0.3413

■ 52.6657, 0.3126,
0.3292

■ 55.7543, 0.3212,
0.3184

Harmonies

Analogous

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



39.4193, 0.3510, 0.4975



39.4193, 0.2669, 0.4590



39.4193, 0.2001, 0.3643

Triad

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



39.4193, 0.2669, 0.4590



39.4193, 0.1939, 0.1964



39.4193, 0.4857, 0.3464

Complementary

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



39.4193, 0.2669, 0.4590



13.7712, 0.4544, 0.2467

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.



39.4193, 0.4318, 0.2857



39.4193, 0.2669, 0.4590



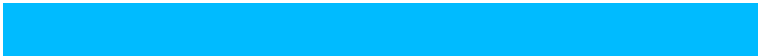
39.4193, 0.2543, 0.2040

Square

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



39.4193, 0.2669, 0.4590



39.4193, 0.1646, 0.2171



39.4193, 0.3415, 0.2356



39.4193, 0.4816, 0.4106

Rectangle

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



39.4193, 0.2669, 0.4590



39.4193, 0.1734, 0.2999



39.4193, 0.3415, 0.2356



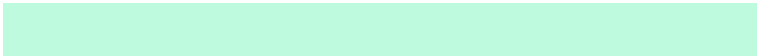
39.4193, 0.4738, 0.3255

Sweetspot

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



39.4209, 0.2669, 0.4590



84.4702, 0.2924, 0.3609



41.3161, 0.3427, 0.5457



17.8370, 0.2896, 0.3663



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.4209, 0.2669, 0.4590



70.1102, 0.2701, 0.4903



40.8019, 0.2277, 0.3247



11.3442, 0.3047, 0.3403



25.9984, 0.2701, 0.4925



1.1372, 0.2591, 0.4527

Inverse Universe

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



13.7712, 0.4544, 0.2467



22.0121, 0.4984, 0.2538



12.9099, 0.5878, 0.3318



10.1568, 0.3215, 0.3180



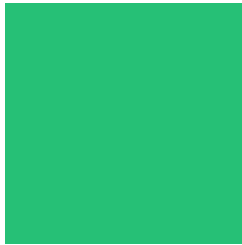
8.0800, 0.5018, 0.2538



0.3630, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 39.4193, 0.2669, 0.4590 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 39.4193, 0.2669, 0.4590 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 39.4193, 0.2669, 0.4590

Background



This preview shows how black text looks on a background with the Yxy color 39.4193, 0.2669, 0.4590.



This preview shows how white text looks on a background with the Yxy color 39.4193, 0.2669, 0.4590.

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

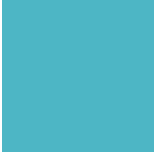
39.4193, 0.2669, 0.4590

Protanopia

38.6652, 0.3800, 0.4103

Deuteranopia

38.4926, 0.3832, 0.3753



Tritanopia

39.0649, 0.2338, 0.3059

Trichromacy



Original Color

39.4193, 0.2669, 0.4590



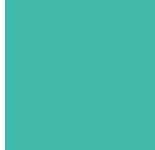
Protanomaly

36.9663, 0.3230, 0.4317



Deuteranomaly

36.3992, 0.3240, 0.4079



Tritanomaly

39.0017, 0.2451, 0.3583

Monochromacy



Original Color

39.4193, 0.2669, 0.4590



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

28.9172, 0.2845, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4193, 0.2669, 0.4590 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(38, 192, 118)` looks like.

```
.text, #text, p{  
    color:rgb(38, 192, 118)  
}
```

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(38, 192, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 192, 118) }
```

Border

The CSS property to change the border of an element to Yxy 39.4193, 0.2669, 0.4590 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(38, 192, 118) }
```

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

```
.border{ border-color:rgb(38, 192, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 192, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 192, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 192, 118);  
box-shadow:4px 4px 4px 4px rgb(38, 192,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4193, 0.2669, 0.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 192, 118) }
```

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

```
.background{ background-color: rgb(38, 192,  
118) }
```

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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