

Converting Colors

$Y_{xy}(43.1490, 0.2886, 0.5555)$

Have a look what the booklet for
Yxy(43.1490, 0.2886, 0.5555)
contains.

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Color

Yxy(43.1516, 0.2885, 0.5552)

Conversions

Conversions Part 1

Format	Color
Hex	09CB41
RGB	9, 203, 65
RGB Percent	4%, 80%, 25%
CMY	0.9646, 0.2039, 0.7451
CMYK	0.96, 0.00, 0.68, 0.20
HSL	137°, 91%, 42%
HSV	137°, 96%, 80%
XYZ	22.4230, 43.1516, 12.1480
YIQ	129.2620, -71.3260, -84.0460

Conversions

Conversions Part 2

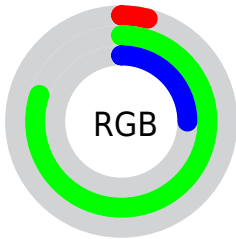
Format	Color
RYB	9, 160, 203
Decimal	641857
CIELab	71.66, -68.89, 54.85
CIELCh	72, 88.056, 141.470
Yxy	43.1516, 0.2885, 0.5552
Android (android.graphics.Color)	4278831937 (0xFF09CB41)
YUV	129.2620, -31.6812, -105.4698
Hunter-Lab	65.6899, -54.0270, 35.0184

Details

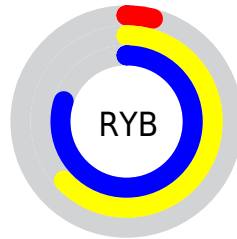
The Yxy color **43.1516, 0.2885, 0.5552** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **15.0008, 0.4057, 0.2029**, and the grayscale version is **22.1864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7950, 0.2980, 0.5042**, and **20.8674, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **43.0248, 0.2898, 0.5633**, and if you desaturate by 10%, it is **43.5505, 0.2859, 0.5343**.

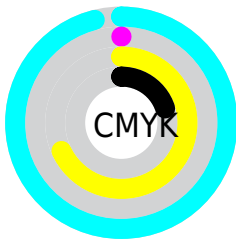
Distribution



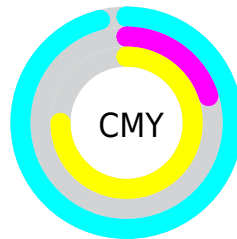
- Red (4%)
- Green (80%)
- Blue (25%)



- Red (4%)
- Yellow (63%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)





- Cyan (96%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1516, 0.2885, 0.5552 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 43.1516, 0.2885, 0.5552 by changing the saturation by 10% instead.

 43.1516, 0.2885,
0.5552


 43.1516, 0.2885,
0.5552


359.2349, 0.3089,
0.4313


 30.0041, 0.2801,
0.5882

 79.9396, 0.2983,
0.5082


 19.8417, 0.2671,
0.6308


 104.3488, 0.3012,
0.4911

 12.2800, 0.2464,
0.6863


 133.2808, 0.3034,
0.4768

 6.9347, 0.2182,
0.7818

 167.1198, 0.3051,
0.4648

 3.4213, 0.1486,
0.8514

 206.2504, 0.3064,
0.4546

 1.3554, 0.0000,
1.0000

251.0568, 0.3074,


 0.1835, 0.0000,


0.4457


1.0000


301.9235, 0.3083,
0.4380


 0.0000, 0.0000,
0.0000


 43.1516, 0.2885,
0.5552


 43.1516, 0.2885,
0.5552


 43.0248, 0.2898,
0.5633

 43.5505, 0.2859,
0.5343

 44.1884, 0.2847,
0.5100

 45.1029, 0.2852,
0.4835

 46.3233, 0.2871,
0.4562

 47.8753, 0.2903,
0.4292

■ 49.7816, 0.2945,
0.4035

■ 52.0628, 0.2993,
0.3797

■ 54.7381, 0.3045,
0.3581

■ 57.8253, 0.3098,
0.3388

Harmonies

Analogous

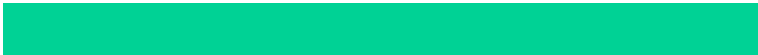
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1516, 0.3971, 0.5459



43.1516, 0.2885, 0.5552



43.1516, 0.1914, 0.4418

Triad

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



43.1516, 0.2885, 0.5552



43.1516, 0.1398, 0.1634



43.1516, 0.5281, 0.3084

Complementary

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



43.1516, 0.2885, 0.5552



15.0008, 0.4057, 0.2029

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.



43.1516, 0.4250, 0.2400



43.1516, 0.2885, 0.5552



43.1516, 0.1957, 0.1611

Square

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



43.1516, 0.2885, 0.5552



43.1516, 0.1199, 0.2019



43.1516, 0.2949, 0.1877



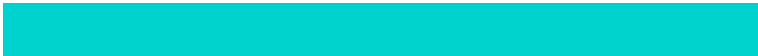
43.1516, 0.5484, 0.3842

Rectangle

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



43.1516, 0.2885, 0.5552



43.1516, 0.1480, 0.3390



43.1516, 0.2949, 0.1877



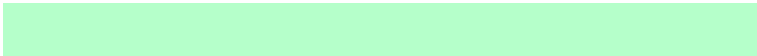
43.1516, 0.5013, 0.2845

Sweetspot

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



43.1534, 0.2885, 0.5552



85.6325, 0.2974, 0.3886



49.0333, 0.3711, 0.5411



17.9815, 0.2953, 0.3990



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.1534, 0.2885, 0.5552



72.0087, 0.2904, 0.5655



45.3441, 0.2442, 0.3969



12.5893, 0.3077, 0.3459



27.3936, 0.2892, 0.5609



1.4265, 0.2779, 0.5204

Inverse Universe

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



15.0008, 0.4057, 0.2029



24.6136, 0.4124, 0.2046



13.1327, 0.5918, 0.3069



11.3464, 0.3181, 0.3127



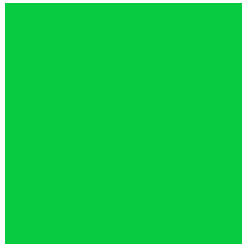
9.3862, 0.4095, 0.2029



0.4970, 0.3883, 0.1912

Previews

White Background



This preview shows how the Yxy color 43.1516, 0.2885, 0.5552 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 43.1516, 0.2885, 0.5552 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 43.1516, 0.2885, 0.5552

Background



This preview shows how black text looks on a background with the Yxy color 43.1516, 0.2885, 0.5552.



This preview shows how white text looks on a background with the Yxy color 43.1516, 0.2885, 0.5552.

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

43.1516, 0.2885, 0.5552

Protanopia

42.1696, 0.4239, 0.4658

Deuteranopia

42.2696, 0.4373, 0.4296



Tritanopia

43.0737, 0.2350, 0.3068

Trichromacy



Original Color

43.1516, 0.2885, 0.5552



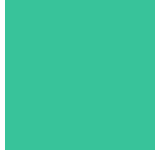
Protanomaly

39.5362, 0.3498, 0.5139



Deuteranomaly

38.2967, 0.3578, 0.4869



Tritanomaly

42.2041, 0.2534, 0.3964

Monochromacy



Original Color

43.1516, 0.2885, 0.5552



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

26.7488, 0.2903, 0.4258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1516, 0.2885, 0.5552 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(9, 203, 65)` looks like.

```
.text, #text, p{  
    color:rgb(9, 203, 65)  
}
```

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(9, 203, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 203, 65) }
```

Border

The CSS property to change the border of an element to Yxy 43.1516, 0.2885, 0.5552 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(9, 203, 65) }
```

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

```
.border{ border-color:rgb(9, 203, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 203, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 203, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 203, 65);  
box-shadow:4px 4px 4px 4px rgb(9, 203, 65)  
}
```


Background

The CSS property to change the background color of an element to Yxy 43.1516, 0.2885, 0.5552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 203, 65) }
```

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

```
.background{ background-color: rgb(9, 203,  
65) }
```

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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