

Converting Colors

$Yxy(43.3992, 0.2784, 0.5100)$

Have a look what the booklet for
Yxy(43.3992, 0.2784, 0.5100)
contains.

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Color

Yxy(43.3003, 0.2785, 0.5102)

Conversions

Conversions Part 1

Format	Color
Hex	1BCA5F
RGB	27, 202, 95
RGB Percent	11%, 79%, 37%
CMY	0.8943, 0.2078, 0.6275
CMYK	0.87, 0.00, 0.53, 0.21
HSL	143°, 76%, 45%
HSV	143°, 87%, 79%
XYZ	23.6361, 43.3003, 17.9329
YIQ	137.4770, -69.9530, -70.3770

Conversions

Conversions Part 2

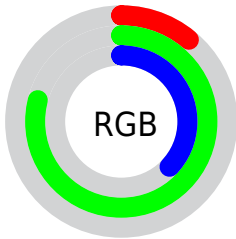
Format	Color
RYB	27, 153, 202
Decimal	1821279
CIELab	71.76, -63.84, 41.68
CIELCh	72, 76.244, 146.863
Yxy	43.3003, 0.2785, 0.5102
Android (android.graphics.Color)	4280011359 (0xFF1BCA5F)
YUV	137.4770, -20.9412, -96.8883
Hunter-Lab	65.8030, -51.0389, 29.9041

Details

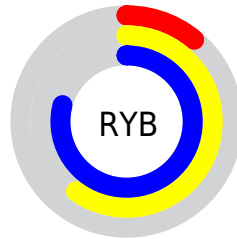
The Yxy color **43.3003, 0.2785, 0.5102** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **15.0593, 0.4270, 0.2214**, and the grayscale version is **25.3011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8463, 0.2875, 0.4672**, and **20.7396, 0.2878, 0.5561** is the 20% darker color. If you saturate the color by 10%, you get **42.9063, 0.2814, 0.5307**, and if you desaturate by 10%, it is **43.9203, 0.2773, 0.4877**.

Distribution



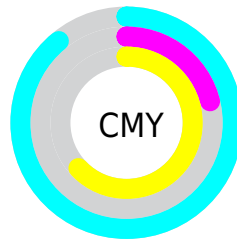
- Red (11%)
- Green (79%)
- Blue (37%)



- Red (11%)
- Yellow (60%)
- Blue (79%)



- Cyan (87%)
- Magenta (0%)
- Yellow (53%)
- Black (21%)




- Cyan (89%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3003, 0.2785, 0.5102 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 43.3003, 0.2785, 0.5102 by changing the saturation by 10% instead.


 43.3003, 0.2785,
0.5102


 43.3003, 0.2785,
0.5102


359.8453, 0.3007,
0.4108


 30.1208, 0.2710,
0.5375


 80.1638, 0.2880,
0.4721

 19.9303, 0.2601,
0.5736


 104.6167, 0.2911,
0.4584

 12.3444, 0.2435,
0.6231


 133.5960, 0.2936,
0.4470

 6.9787, 0.2162,
0.6930

 167.4864, 0.2956,
0.4374

 3.4488, 0.1749,
0.8251

 206.6721, 0.2972,
0.4293

 1.3703, 0.0000,
1.0000

251.5376, 0.2986,


 0.1947, 0.0000,

0.4223


1.0000


302.4672, 0.2997,
0.4161


 0.0000, 0.0000,
0.0000


 43.3003, 0.2785,
0.5102

 43.3003, 0.2785,
0.5102

 42.9063, 0.2814,
0.5307

 43.9203, 0.2773,
0.4877

 42.8013, 0.2825,
0.5371

 44.7978, 0.2780,
0.4641

 45.9634, 0.2804,
0.4402

 47.4416, 0.2842,
0.4170

 49.2543, 0.2893,
0.3949

■ 51.4214, 0.2952,
0.3745

■ 53.9612, 0.3016,
0.3558

■ 56.8906, 0.3082,
0.3391

■ 60.2256, 0.3150,
0.3242

Harmonies

Analogous

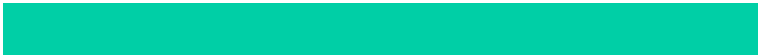
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.3003, 0.3766, 0.5276



43.3003, 0.2785, 0.5102



43.3003, 0.1949, 0.4023

Triad

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



43.3003, 0.2785, 0.5102



43.3003, 0.1637, 0.1780



43.3003, 0.5097, 0.3265

Complementary

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



43.3003, 0.2785, 0.5102



15.0593, 0.4270, 0.2214

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.



43.3003, 0.4303, 0.2612



43.3003, 0.2785, 0.5102



43.3003, 0.2224, 0.1802

Square

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



43.3003, 0.2785, 0.5102



43.3003, 0.1395, 0.2083



43.3003, 0.3177, 0.2093



43.3003, 0.5180, 0.3983

Rectangle

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



43.3003, 0.2785, 0.5102



43.3003, 0.1592, 0.3185



43.3003, 0.3177, 0.2093



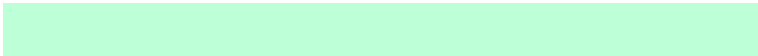
43.3003, 0.4902, 0.3038

Sweetspot

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



43.3021, 0.2785, 0.5102



87.1794, 0.2954, 0.3739



47.4654, 0.3584, 0.5437



18.3677, 0.2932, 0.3808



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.



43.3021, 0.2785, 0.5102



72.4228, 0.2832, 0.5395



45.8364, 0.2358, 0.3606



12.6080, 0.3064, 0.3435



27.5565, 0.2818, 0.5346



1.4364, 0.2707, 0.4944

Inverse Universe

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



15.0593, 0.4270, 0.2214



23.6569, 0.4525, 0.2267



13.5470, 0.5900, 0.3163



11.3270, 0.3196, 0.3149



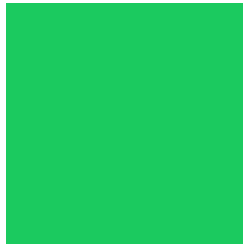
9.0262, 0.4481, 0.2242



0.4803, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 43.3003, 0.2785, 0.5102 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 43.3003, 0.2785, 0.5102 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 43.3003, 0.2785, 0.5102

Background



This preview shows how black text looks on a background with the Yxy color 43.3003, 0.2785, 0.5102.



This preview shows how white text looks on a background with the Yxy color 43.3003, 0.2785, 0.5102.

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

43.3003, 0.2785, 0.5102

Protanopia

42.2814, 0.4042, 0.4404

Deuteranopia

42.1208, 0.4131, 0.4047



Tritanopia

43.0770, 0.2342, 0.3053

Trichromacy



Original Color

43.3003, 0.2785, 0.5102



Protanomaly

39.9888, 0.3396, 0.4745



Deuteranomaly

39.1091, 0.3431, 0.4477



Tritanomaly

42.3609, 0.2486, 0.3739

Monochromacy



Original Color

43.3003, 0.2785, 0.5102



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

29.4363, 0.2879, 0.3999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3003, 0.2785, 0.5102 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(27, 202, 95)` looks like.

```
.text, #text, p{  
    color:rgb(27, 202, 95)  
}
```

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(27, 202, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 202, 95) }
```

Border

The CSS property to change the border of an element to Yxy 43.3003, 0.2785, 0.5102 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(27, 202, 95) }
```

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

```
.border{ border-color:rgb(27, 202, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 202, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 202, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 202, 95);  
box-shadow:4px 4px 4px 4px rgb(27, 202,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3003, 0.2785, 0.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 202, 95) }
```

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

```
.background{ background-color: rgb(27, 202,  
95) }
```

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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