

Converting Colors

$Y_{xy}(43.0875, 0.2790, 0.5155)$

Have a look what the booklet for
Yxy(43.0875, 0.2790, 0.5155)
contains.

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Color

Yxy(43.1732, 0.2789, 0.5154)

Conversions

Conversions Part 1

Format	Color
Hex	15CA5C
RGB	21, 202, 92
RGB Percent	8%, 79%, 36%
CMY	0.9175, 0.2078, 0.6391
CMYK	0.90, 0.00, 0.54, 0.21
HSL	144°, 81%, 44%
HSV	144°, 90%, 79%
XYZ	23.3624, 43.1732, 17.2307
YIQ	135.3410, -72.5660, -72.5820

Conversions

Conversions Part 2

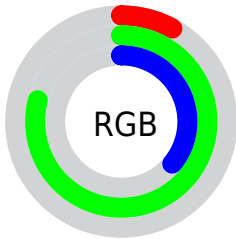
Format	Color
RYB	21, 151, 202
Decimal	1428060
CIELab	71.67, -64.69, 42.98
CIELCh	72, 77.668, 146.401
Yxy	43.1732, 0.2789, 0.5154
Android (android.graphics.Color)	4279618140 (0xFF15CA5C)
YUV	135.3410, -21.3671, -100.2771
Hunter-Lab	65.7063, -51.5188, 30.4463

Details

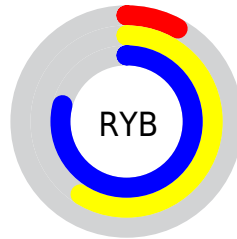
The Yxy color **43.1732, 0.2789, 0.5154** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **14.7332, 0.4335, 0.2223**, and the grayscale version is **24.4674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6285, 0.2880, 0.4714**, and **20.7179, 0.2892, 0.5610** is the 20% darker color. If you saturate the color by 10%, you get **42.8229, 0.2821, 0.5352**, and if you desaturate by 10%, it is **43.7238, 0.2772, 0.4935**.

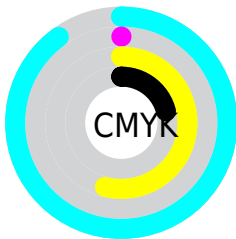
Distribution



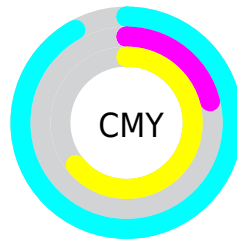
- Red (8%)
- Green (79%)
- Blue (36%)



- Red (8%)
- Yellow (59%)
- Blue (79%)



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (21%)





- Cyan (92%)
- Magenta (21%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1732, 0.2789, 0.5154 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 43.1732, 0.2789, 0.5154 by changing the saturation by 10% instead.


 43.1732, 0.2789,
0.5154

 43.1732, 0.2789,
0.5154


359.3236, 0.3012,
0.4130


 30.0210, 0.2712,
0.5435


 79.9722, 0.2885,
0.4762


 19.8546, 0.2601,
0.5806


 104.3877, 0.2916,
0.4620


 12.2894, 0.2429,
0.6313


 133.3266, 0.2941,
0.4503

 6.9411, 0.2149,
0.7028

 167.1731, 0.2961,
0.4405

 3.4253, 0.1699,
0.8301

 206.3116, 0.2978,
0.4321

 1.3576, 0.0000,
1.0000

251.1266, 0.2991,


 0.1851, 0.0000,


0.4248


1.0000

302.0025, 0.3003,
0.4185


 0.0000, 0.0000,
0.0000


 43.1732, 0.2789,
0.5154


 43.1732, 0.2789,
0.5154


 42.8229, 0.2821,
0.5352


 43.7238, 0.2772,
0.4935

 42.8102, 0.2822,
0.5360

 44.5222, 0.2773,
0.4702

 45.6003, 0.2792,
0.4465

 46.9837, 0.2828,
0.4231

 48.6949, 0.2875,
0.4008

■ 50.7544, 0.2932,
0.3800

■ 53.1809, 0.2995,
0.3609

■ 55.9917, 0.3062,
0.3437

■ 59.2029, 0.3130,
0.3284

Harmonies

Analogous

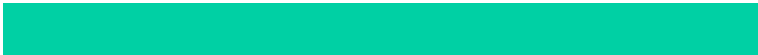
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1732, 0.3784, 0.5307



43.1732, 0.2789, 0.5154



43.1732, 0.1937, 0.4058

Triad

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



43.1732, 0.2789, 0.5154



43.1732, 0.1608, 0.1759



43.1732, 0.5127, 0.3249

Complementary

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



43.1732, 0.2789, 0.5154



14.7332, 0.4335, 0.2223

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.



43.1732, 0.4308, 0.2590



43.1732, 0.2789, 0.5154



43.1732, 0.2196, 0.1778

Square

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



43.1732, 0.2789, 0.5154



43.1732, 0.1369, 0.2069



43.1732, 0.3159, 0.2069



43.1732, 0.5217, 0.3973

Rectangle

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



43.1732, 0.2789, 0.5154



43.1732, 0.1573, 0.3198



43.1732, 0.3159, 0.2069



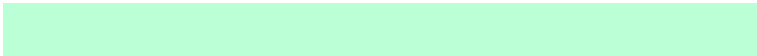
43.1732, 0.4925, 0.3020

Sweetspot

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



43.1750, 0.2789, 0.5154



86.7900, 0.2946, 0.3756



47.2528, 0.3576, 0.5474



18.2934, 0.2925, 0.3825



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.



43.1750, 0.2789, 0.5154



72.4407, 0.2829, 0.5384



45.7335, 0.2354, 0.3618



12.6086, 0.3063, 0.3434



27.5635, 0.2815, 0.5335



1.4368, 0.2704, 0.4934

Inverse Universe

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



14.7332, 0.4335, 0.2223



23.6255, 0.4541, 0.2275



13.2624, 0.5999, 0.3176



11.3263, 0.3197, 0.3150



9.0143, 0.4496, 0.2250



0.4797, 0.4179, 0.2076

Previews

White Background



This preview shows how the Yxy color 43.1732, 0.2789, 0.5154 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 43.1732, 0.2789, 0.5154 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 43.1732, 0.2789, 0.5154

Background



This preview shows how black text looks on a background with the Yxy color 43.1732, 0.2789, 0.5154.



This preview shows how white text looks on a background with the Yxy color 43.1732, 0.2789, 0.5154.

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

43.1732, 0.2789, 0.5154

Protanopia

42.2341, 0.4063, 0.4435

Deuteranopia

42.2288, 0.4158, 0.4066



Tritanopia

42.9840, 0.2342, 0.3067

Trichromacy



Original Color

43.1732, 0.2789, 0.5154



Protanomaly

39.6987, 0.3388, 0.4799



Deuteranomaly

38.9617, 0.3443, 0.4524



Tritanomaly

42.1937, 0.2486, 0.3774

Monochromacy



Original Color

43.1732, 0.2789, 0.5154



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

28.5079, 0.2876, 0.4030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1732, 0.2789, 0.5154 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(21, 202, 92)` looks like.

```
.text, #text, p{  
    color:rgb(21, 202, 92)  
}
```

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(21, 202, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 202, 92) }
```

Border

The CSS property to change the border of an element to Yxy 43.1732, 0.2789, 0.5154 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(21, 202, 92) }
```

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

```
.border{ border-color:rgb(21, 202, 92) }
```

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

Here you see how a box with a 4 pixel rgb(21, 202, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 202, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 202, 92);  
box-shadow:4px 4px 4px 4px rgb(21, 202,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1732, 0.2789, 0.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 202, 92) }
```

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

```
.background{ background-color: rgb(21, 202,  
92) }
```

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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