

Converting Colors

$Y_{xy}(43.2275, 0.2923, 0.4809)$

Have a look what the booklet for
Yxy(43.2275, 0.2923, 0.4809)
contains.

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Color

Yxy(43.2019, 0.2922, 0.4814)

Conversions

Conversions Part 1	
Format	Color
Hex	52C669
RGB	82, 198, 105
RGB Percent	32%, 78%, 41%
CMY	0.6784, 0.2235, 0.5883
CMYK	0.59, 0.00, 0.47, 0.22
HSL	132°, 50%, 55%
HSV	132°, 59%, 78%
XYZ	26.2227, 43.2019, 20.3176
YIQ	152.7140, -39.2830, -53.5150

Conversions

Conversions Part 2

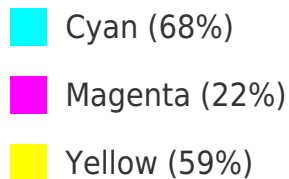
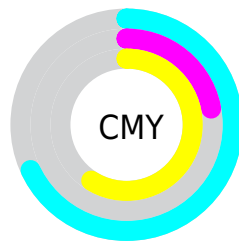
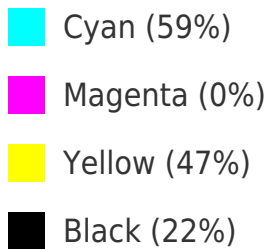
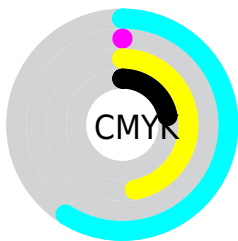
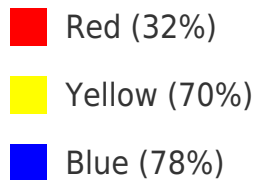
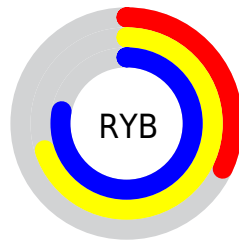
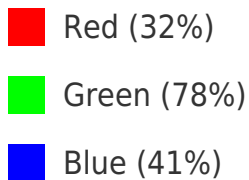
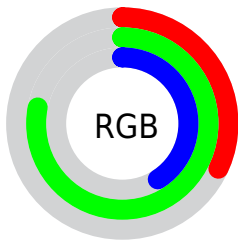
Format	Color
RYB	82, 179, 198
Decimal	5424745
CIELab	71.69, -52.48, 36.90
CIELCh	72, 64.159, 144.886
Yxy	43.2019, 0.2922, 0.4814
Android (android.graphics.Color)	4283614825 (0xFF52C669)
YUV	152.7140, -23.5230, -62.0162
Hunter-Lab	65.7282, -43.8105, 27.6822

Details

The Yxy color **43.2019, 0.2922, 0.4814** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **21.1361, 0.3473, 0.2156**, and the grayscale version is **31.8412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6513, 0.2981, 0.4487**, and **19.9208, 0.2815, 0.5335** is the 20% darker color. If you saturate the color by 10%, you get **42.1440, 0.2910, 0.5109**, and if you desaturate by 10%, it is **44.5804, 0.2945, 0.4513**.

Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2019, 0.2922, 0.4814 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 43.2019, 0.2922, 0.4814 by changing the saturation by 10% instead.


 43.2019, 0.2922,
0.4814


 43.2019, 0.2922,
0.4814


359.4414, 0.3062,
0.3986

 30.0436, 0.2873,
0.5040


 80.0154, 0.2983,
0.4498

 19.8717, 0.2800,
0.5341


 104.4394, 0.3003,
0.4384

 12.3018, 0.2686,
0.5755


 133.3874, 0.3018,
0.4289

 6.9496, 0.2492,
0.6350

 167.2439, 0.3030,
0.4209

 3.4306, 0.2260,
0.7663

206.3931, 0.3040,
0.4141

 1.3604, 0.0000,
1.0000


251.2195, 0.3049,


 0.1873, 0.0000,


0.4082

1.0000

302.1075, 0.3056,
0.4031


 0.0000, 0.0000,
0.0000


 43.2019, 0.2922,
0.4814


 43.2019, 0.2922,
0.4814


 42.1440, 0.2910,
0.5109


 44.5804, 0.2945,
0.4513


 41.3751, 0.2910,
0.5380

 46.2973, 0.2976,
0.4219


 40.8668, 0.2922,
0.5611


 48.3752, 0.3013,
0.3943


 40.5718, 0.2944,
0.5788


 50.8336, 0.3052,
0.3690


 40.5384, 0.2947,
0.5809

 53.6901, 0.3093,
0.3463

 56.9616, 0.3133,
0.3263

 60.6639, 0.3172,
0.3088

 64.8118, 0.3208,
0.2936

 68.4198, 0.3204,
0.2798

Harmonies

Analogous

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



43.2019, 0.3778, 0.4964



43.2019, 0.2922, 0.4814



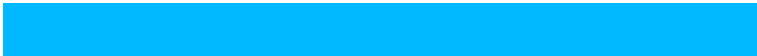
43.2019, 0.2168, 0.3976

Triad

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



43.2019, 0.2922, 0.4814



43.2019, 0.1800, 0.1983



43.2019, 0.4767, 0.3264

Complementary

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



43.2019, 0.2922, 0.4814



21.1361, 0.3473, 0.2156

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.



43.2019, 0.4065, 0.2677



43.2019, 0.2922, 0.4814



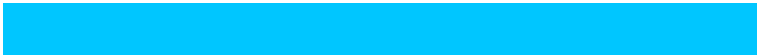
43.2019, 0.2310, 0.1976

Square

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



43.2019, 0.2922, 0.4814



43.2019, 0.1602, 0.2293



43.2019, 0.3119, 0.2222



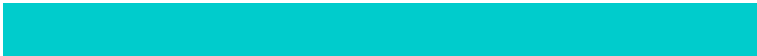
43.2019, 0.4910, 0.3906

Rectangle

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



43.2019, 0.2922, 0.4814



43.2019, 0.1826, 0.3289



43.2019, 0.3119, 0.2222



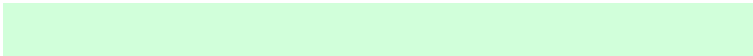
43.2019, 0.4586, 0.3059

Sweetspot

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



43.2037, 0.2922, 0.4814



90.1622, 0.3053, 0.3682



50.3157, 0.3764, 0.4760



19.0064, 0.3042, 0.3754



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.



43.2037, 0.2922, 0.4814



74.2442, 0.2908, 0.5179



44.7667, 0.2602, 0.3866



11.9217, 0.3089, 0.3481



26.3716, 0.2942, 0.5790



1.2592, 0.2834, 0.5401

Inverse Universe

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



21.1361, 0.3473, 0.2156



31.6453, 0.3569, 0.1991



19.3659, 0.4322, 0.2826



10.7792, 0.3167, 0.3107



9.4424, 0.3778, 0.1855



0.4566, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 43.2019, 0.2922, 0.4814 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 43.2019, 0.2922, 0.4814 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 43.2019, 0.2922, 0.4814

Background



This preview shows how black text looks on a background with the Yxy color 43.2019, 0.2922, 0.4814.



This preview shows how white text looks on a background with the Yxy color 43.2019, 0.2922, 0.4814.

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

43.2019, 0.2922, 0.4814

Protanopia

42.3416, 0.3951, 0.4286

Deuteranopia

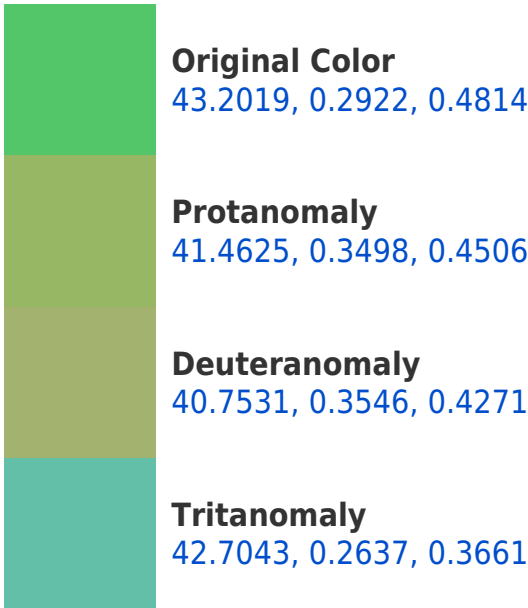
42.5313, 0.4037, 0.3958



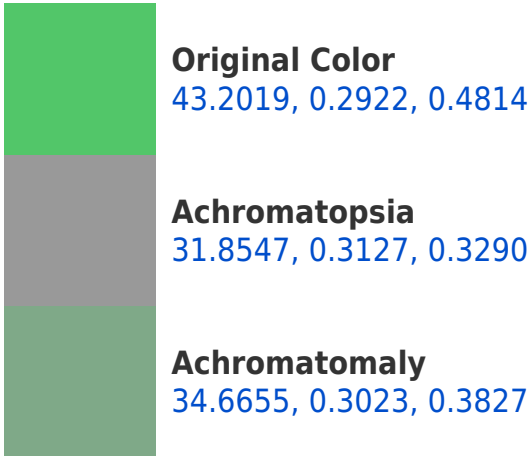
Tritanopia

42.9931, 0.2473, 0.3072

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2019, 0.2922, 0.4814 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(82, 198, 105) looks like.

```
.text, #text, p{  
    color:rgb(82, 198, 105)  
}
```

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(82, 198, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 198, 105) }
```

Border

The CSS property to change the border of an element to Yxy 43.2019, 0.2922, 0.4814 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(82, 198, 105) }
```

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

```
.border{ border-color:rgb(82, 198, 105) }
```

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

Here you see how a box with a 4 pixel rgb(82, 198, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 198, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 198, 105);  
box-shadow:4px 4px 4px 4px rgb(82, 198,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2019, 0.2922, 0.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 198, 105) }
```

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

```
.background{ background-color: rgb(82, 198,  
105) }
```

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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