

Converting Colors

$Yxy(41.2050, 0.2669, 0.4348)$

Have a look what the booklet for
Yxy(41.2050, 0.2669, 0.4348)
contains.

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Color

Yxy(41.1829, 0.2671, 0.4357)

Conversions

Conversions Part 1

Format	Color
Hex	3CC283
RGB	60, 194, 131
RGB Percent	24%, 76%, 51%
CMY	0.7652, 0.2392, 0.4863
CMYK	0.69, 0.00, 0.32, 0.24
HSL	152°, 53%, 50%
HSV	152°, 69%, 76%
XYZ	25.2466, 41.1829, 28.0917
YIQ	146.7520, -59.6410, -48.0010

Conversions

Conversions Part 2

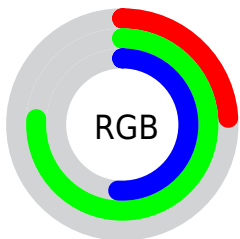
Format	Color
RYB	60, 148, 194
Decimal	3981955
CIELab	70.30, -50.59, 21.48
CIElCh	70, 54.961, 156.996
Yxy	41.1829, 0.2671, 0.4357
Android (android.graphics.Color)	4282172035 (0xFF3CC283)
YUV	146.7520, -7.7657, -76.0815
Hunter-Lab	64.1739, -42.0807, 18.9679

Details

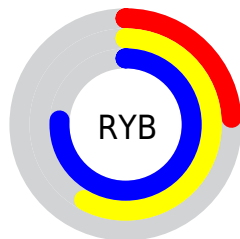
The Yxy color **41.1829, 0.2671, 0.4357** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **16.1175, 0.4292, 0.2522**, and the grayscale version is **29.1083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6660, 0.2768, 0.4135**, and **19.0593, 0.2635, 0.4686** is the 20% darker color. If you saturate the color by 10%, you get **40.4520, 0.2660, 0.4541**, and if you desaturate by 10%, it is **42.1601, 0.2701, 0.4174**.

Distribution



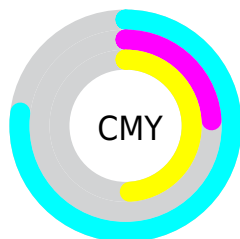
- Red (24%)
- Green (76%)
- Blue (51%)



- Red (24%)
- Yellow (58%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)





- Cyan (77%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1829, 0.2671, 0.4357 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 41.1829, 0.2671, 0.4357 by changing the saturation by 10% instead.

 41.1829, 0.2671,
0.4357

 41.1829, 0.2671,
0.4357


351.0845, 0.2920,
0.3778


 28.4620, 0.2601,
0.4517


 76.9615, 0.2767,
0.4135

 18.6742, 0.2507,
0.4733


 100.7879, 0.2801,
0.4055


 11.4351, 0.2374,
0.5036


 129.0851, 0.2830,
0.3989

 6.3603, 0.2172,
0.5492

 162.2373, 0.2854,
0.3934

 3.0654, 0.1837,
0.6238

 200.6289, 0.2874,
0.3886

 1.1660, 0.0000,
1.0000

244.6444, 0.2892,

 0.0336, 0.0000,

0.3845

1.0000

294.6681, 0.2907,
0.3809

■ 0.0000, 0.0000,
0.0000

■ 41.1829, 0.2671,
0.4357

■ 41.1829, 0.2671,
0.4357

■ 40.4520, 0.2660,
0.4541

■ 42.1601, 0.2701,
0.4174

■ 39.9363, 0.2669,
0.4721

■ 43.4010, 0.2749,
0.3997

■ 39.5922, 0.2695,
0.4895

■ 44.9268, 0.2810,
0.3829

■ 39.5655, 0.2697,
0.4909

■ 46.7554, 0.2883,
0.3672

■ 48.9029, 0.2963,
0.3528

■ 51.3844, 0.3048,
0.3397

■ 54.2141, 0.3135,
0.3280

■ 57.4052, 0.3222,
0.3176

■ 60.9702, 0.3309,
0.3085

Harmonies

Analogous

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



41.1829, 0.3422, 0.4761



41.1829, 0.2671, 0.4357



41.1829, 0.2085, 0.3530

Triad

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



41.1829, 0.2671, 0.4357



41.1829, 0.2097, 0.2091



41.1829, 0.4676, 0.3521

Complementary

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



41.1829, 0.2671, 0.4357



16.1175, 0.4292, 0.2522

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.



41.1829, 0.4238, 0.2957



41.1829, 0.2671, 0.4357



41.1829, 0.2673, 0.2178

Square

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



41.1829, 0.2671, 0.4357



41.1829, 0.1801, 0.2265



41.1829, 0.3462, 0.2484



41.1829, 0.4614, 0.4102

Rectangle

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



41.1829, 0.2671, 0.4357



41.1829, 0.1855, 0.2980



41.1829, 0.3462, 0.2484



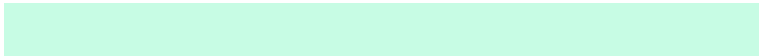
41.1829, 0.4583, 0.3327

Sweetspot

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



41.1846, 0.2671, 0.4357



87.6818, 0.2945, 0.3558



43.2521, 0.3441, 0.5219



18.9563, 0.2922, 0.3598



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.



41.1846, 0.2671, 0.4357



72.7493, 0.2662, 0.4635



42.4536, 0.2329, 0.3253



11.3461, 0.3046, 0.3400



26.0264, 0.2691, 0.4887



1.1384, 0.2582, 0.4496

Inverse Universe

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



16.1175, 0.4292, 0.2522



24.4347, 0.4691, 0.2492



15.2539, 0.5396, 0.3320



10.1549, 0.3217, 0.3182



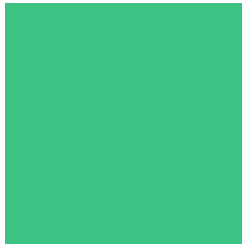
8.0552, 0.5064, 0.2563



0.3620, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 41.1829, 0.2671, 0.4357 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 41.1829, 0.2671, 0.4357 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 41.1829, 0.2671, 0.4357

Background



This preview shows how black text looks on a background with the Yxy color 41.1829, 0.2671, 0.4357.

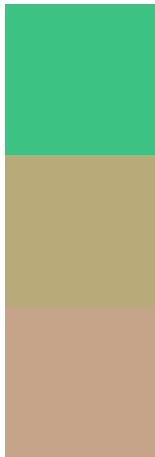


This preview shows how white text looks on a background with the Yxy color 41.1829, 0.2671, 0.4357.

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

41.1829, 0.2671, 0.4357

Protanopia

40.3203, 0.3693, 0.3961

Deuteranopia

40.3917, 0.3700, 0.3632



Tritanopia

40.8943, 0.2376, 0.3064

Trichromacy



Original Color

41.1829, 0.2671, 0.4357



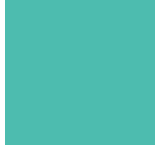
Protanomaly

39.2098, 0.3206, 0.4125



Deuteranomaly

38.7051, 0.3213, 0.3897



Tritanomaly

40.6394, 0.2475, 0.3494

Monochromacy



Original Color

41.1829, 0.2671, 0.4357



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

32.1188, 0.2880, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1829, 0.2671, 0.4357 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(60, 194, 131)` looks like.

```
.text, #text, p{  
    color:rgb(60, 194, 131)  
}
```

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(60, 194, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 194, 131) }
```

Border

The CSS property to change the border of an element to Yxy 41.1829, 0.2671, 0.4357 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(60, 194, 131) }
```

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

```
.border{ border-color:rgb(60, 194, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 194, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 194, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 194, 131);  
box-shadow:4px 4px 4px 4px rgb(60, 194,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1829, 0.2671, 0.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 194, 131) }
```

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

```
.background{ background-color: rgb(60, 194,  
131) }
```

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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