

Converting Colors

$Yxy(41.1664, 0.2376, 0.3479)$

Have a look what the booklet for
Yxy(41.1664, 0.2376, 0.3479)
contains.

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Color

Yxy(41.2463, 0.2377, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	34BFB3
RGB	52, 191, 179
RGB Percent	20%, 75%, 70%
CMY	0.7964, 0.2510, 0.2980
CMYK	0.73, 0.00, 0.06, 0.25
HSL	175°, 57%, 48%
HSV	175°, 73%, 75%
XYZ	28.1812, 41.2463, 49.1304
YIQ	148.0710, -78.9920, -33.2000

Conversions

Conversions Part 2

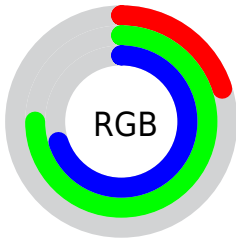
Format	Color
RYB	52, 125, 191
Decimal	3456947
CIELab	70.35, -38.78, -4.52
CIELCh	70, 39.044, 186.654
Yxy	41.2463, 0.2377, 0.3479
Android (android.graphics.Color)	4281647027 (0xFF34BFB3)
YUV	148.0710, 15.2480, -84.2543
Hunter-Lab	64.2233, -34.0648, -0.4002

Details

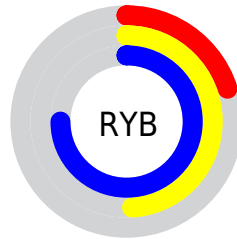
The Yxy color **41.2463, 0.2377, 0.3479** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **13.8952, 0.5396, 0.3172**, and the grayscale version is **29.5969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1260, 0.2514, 0.3444**, and **19.3977, 0.2314, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **40.7740, 0.2343, 0.3508**, and if you desaturate by 10%, it is **41.9273, 0.2430, 0.3450**.

Distribution



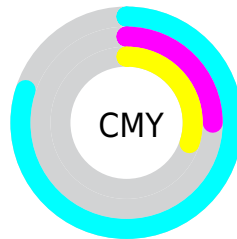
- Red (20%)
- Green (75%)
- Blue (70%)



- Red (20%)
- Yellow (49%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (80%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2463, 0.2377, 0.3479 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 41.2463, 0.2377, 0.3479 by changing the saturation by 10% instead.


 41.2463, 0.2377,
0.3479


 41.2463, 0.2377,
0.3479


351.3490, 0.2753,
0.3389


 28.5116, 0.2283,
0.3500


 77.0576, 0.2514,
0.3448

 18.7117, 0.2164,
0.3525


 100.9031, 0.2565,
0.3436


 11.4621, 0.2006,
0.3556


 129.2208, 0.2608,
0.3425

 6.3786, 0.1788,
0.3595

 162.3954, 0.2646,
0.3416

 3.0766, 0.1474,
0.3640

 200.8111, 0.2678,
0.3408

 1.1719, 0.0472,
0.3893

244.8523, 0.2706,

 0.0385, 0.0000,

0.3401

0.0971

294.9035, 0.2731,
0.3395

0.0000, 0.0000,
0.0000

41.2463, 0.2377,
0.3479

41.2463, 0.2377,
0.3479

40.7740, 0.2343,
0.3508

41.9273, 0.2430,
0.3450

40.4794, 0.2326,
0.3537

42.8346, 0.2503,
0.3421

40.3417, 0.2322,
0.3558

43.9888, 0.2593,
0.3393

45.4072, 0.2699,
0.3366

47.1054, 0.2818,
0.3341

■ 49.0980, 0.2949,
0.3317

■ 51.3982, 0.3087,
0.3296

■ 54.0189, 0.3231,
0.3276

■ 56.9718, 0.3377,
0.3259

Harmonies

Analogous

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



41.2463, 0.2823, 0.4024



41.2463, 0.2377, 0.3479



41.2463, 0.2138, 0.2929

Triad

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



41.2463, 0.2377, 0.3479



41.2463, 0.2801, 0.2456



41.2463, 0.4211, 0.3921

Complementary

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



41.2463, 0.2377, 0.3479



13.8952, 0.5396, 0.3172

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.



41.2463, 0.4228, 0.3491



41.2463, 0.2377, 0.3479



41.2463, 0.3369, 0.2690

Square

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



41.2463, 0.2377, 0.3479



41.2463, 0.2366, 0.2400



41.2463, 0.3911, 0.3056



41.2463, 0.3888, 0.4243

Rectangle

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



41.2463, 0.2377, 0.3479



41.2463, 0.2111, 0.2654



41.2463, 0.3911, 0.3056



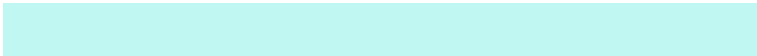
41.2463, 0.4255, 0.3783

Sweetspot

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



41.2479, 0.2377, 0.3479



84.5149, 0.2824, 0.3340



38.6642, 0.3082, 0.5546



18.3626, 0.2790, 0.3347



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.2479, 0.2377, 0.3479



72.6910, 0.2331, 0.3524



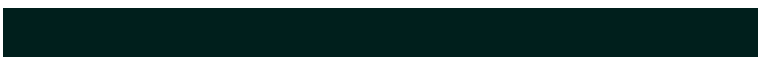
21.9217, 0.2079, 0.2333



10.7950, 0.2996, 0.3310



26.5158, 0.2321, 0.3554



1.0429, 0.2301, 0.3485

Inverse Universe

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



13.8952, 0.5396, 0.3172



21.1158, 0.6018, 0.3209



21.9558, 0.4949, 0.3962



9.5494, 0.3275, 0.3271



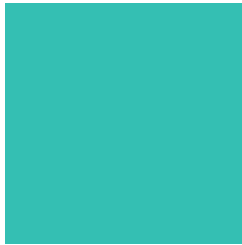
7.3100, 0.6290, 0.3238



0.2909, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 41.2463, 0.2377, 0.3479 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 41.2463, 0.2377, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

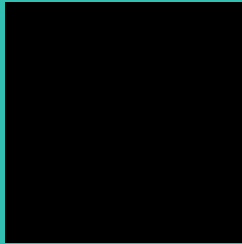
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

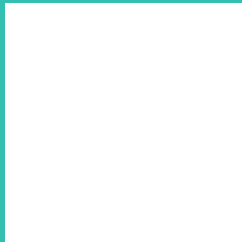
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2463, 0.2377, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 41.2463, 0.2377, 0.3479.

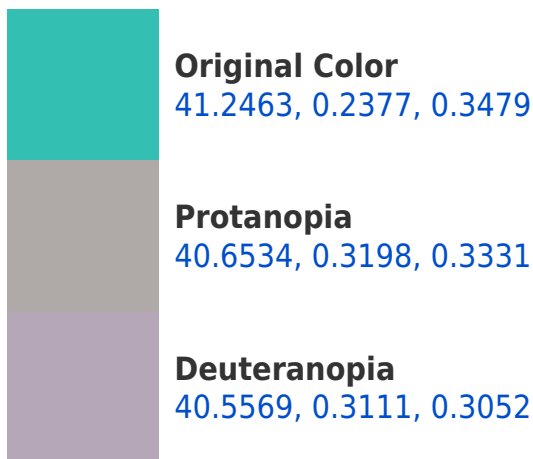


This preview shows how white text looks on a background with the Yxy color 41.2463, 0.2377, 0.3479.

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





Tritanopia

41.0107, 0.2288, 0.3047

Trichromacy



Original Color

41.2463, 0.2377, 0.3479



Protanomaly

39.5269, 0.2789, 0.3394



Deuteranomaly

39.1057, 0.2738, 0.3186



Tritanomaly

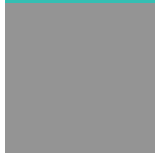
40.8536, 0.2319, 0.3195

Monochromacy



Original Color

41.2463, 0.2377, 0.3479



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

32.5648, 0.2727, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2463, 0.2377, 0.3479 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(52, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(52, 191, 179)  
}
```

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(52, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.2463, 0.2377, 0.3479 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(52, 191, 179) }
```

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

```
.border{ border-color:rgb(52, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(52, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2463, 0.2377, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 191, 179) }
```

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

```
.background{ background-color: rgb(52, 191,  
179) }
```

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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