

Converting Colors

$Yxy(51.6519, 0.2530, 0.3429)$

Have a look what the booklet for
Yxy(51.6519, 0.2530, 0.3429)
contains.

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Color

Yxy(51.5999, 0.2532, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	68CFC5
RGB	104, 207, 197
RGB Percent	41%, 81%, 77%
CMY	0.5921, 0.1882, 0.2274
CMYK	0.50, 0.00, 0.05, 0.19
HSL	174°, 52%, 61%
HSV	174°, 50%, 81%
XYZ	38.1018, 51.5999, 60.7792
YIQ	175.0630, -58.1780, -24.9460

Conversions

Conversions Part 2

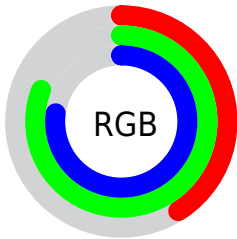
Format	Color
RYB	104, 158, 207
Decimal	6868933
CIELab	77.04, -32.37, -4.26
CIELCh	77, 32.647, 187.497
Yxy	51.5999, 0.2532, 0.3429
Android (android.graphics.Color)	4285059013 (0xFF68CFC5)
YUV	175.0630, 10.8149, -62.3223
Hunter-Lab	71.8331, -31.0277, 0.1168

Details

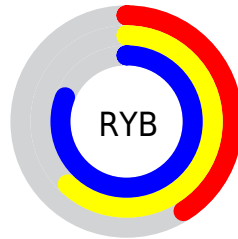
The Yxy color **51.5999, 0.2532, 0.3429** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.3853, 0.4382, 0.3169**, and the grayscale version is **42.8731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3571, 0.2619, 0.3299**, and **24.9111, 0.2378, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **50.4198, 0.2455, 0.3462**, and if you desaturate by 10%, it is **53.0893, 0.2626, 0.3398**.

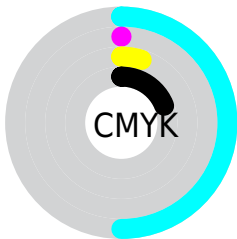
Distribution



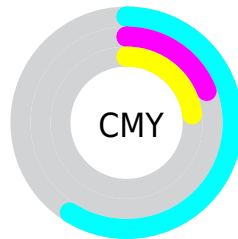
- Red (41%)
- Green (81%)
- Blue (77%)



- Red (41%)
- Yellow (62%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (59%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5999, 0.2532, 0.3429 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 51.5999, 0.2532, 0.3429 by changing the saturation by 10% instead.

 51.5999, 0.2532,
0.3429

 51.5999, 0.2532,
0.3429

392.8900, 0.2821,
0.3365


 36.6863, 0.2463,
0.3443


 92.5409, 0.2635,
0.3407

 24.9647, 0.2376,
0.3461


 119.3371, 0.2674,
0.3398

 16.0507, 0.2262,
0.3482


 150.8629, 0.2707,
0.3391

 9.5601, 0.2110,
0.3509

 187.5027, 0.2736,
0.3384

 5.1083, 0.1895,
0.3544

229.6409, 0.2761,
0.3379

 2.3109, 0.1572,
0.3584

277.6619, 0.2784,

 0.7795, 0.0000,

0.3374

0.4023

331.9502, 0.2803,
0.3369

0.0000, 0.0000,
0.0000

51.5999, 0.2532,
0.3429

51.5999, 0.2532,
0.3429

50.4198, 0.2455,
0.3462

53.0893, 0.2626,
0.3398

49.5202, 0.2397,
0.3495

54.9023, 0.2736,
0.3368

48.8775, 0.2358,
0.3528


57.0595, 0.2859,
0.3339


48.4609, 0.2338,
0.3561

59.5780, 0.2991,
0.3313

48.2158, 0.2332,
0.3594

62.4740, 0.3131,
0.3289

 48.2103, 0.2332,
0.3595

 65.7625, 0.3274,
0.3268

 69.4577, 0.3420,
0.3249

 70.6941, 0.3452,
0.3229

 70.7968, 0.3437,
0.3209

Harmonies

Analogous

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



51.5999, 0.2885, 0.3838



51.5999, 0.2532, 0.3429



51.5999, 0.2341, 0.3009

Triad

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



51.5999, 0.2532, 0.3429



51.5999, 0.2888, 0.2628



51.5999, 0.3970, 0.3810

Complementary

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



51.5999, 0.2532, 0.3429



24.3853, 0.4382, 0.3169

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.



51.5999, 0.3983, 0.3473



51.5999, 0.2532, 0.3429



51.5999, 0.3333, 0.2821

Square

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



51.5999, 0.2532, 0.3429



51.5999, 0.2534, 0.2583



51.5999, 0.3744, 0.3121



51.5999, 0.3720, 0.4042

Rectangle

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



51.5999, 0.2532, 0.3429



51.5999, 0.2320, 0.2791



51.5999, 0.3744, 0.3121



51.5999, 0.4003, 0.3704

Sweetspot

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



51.6019, 0.2532, 0.3429



93.2167, 0.2918, 0.3327



49.2247, 0.3119, 0.4829



19.7720, 0.2890, 0.3333



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.



51.6019, 0.2532, 0.3429



80.6452, 0.2449, 0.3465



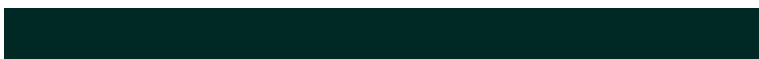
34.6521, 0.2364, 0.2679



13.3865, 0.2996, 0.3312



30.3822, 0.2331, 0.3590



1.7047, 0.2314, 0.3530

Inverse Universe

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



24.3853, 0.4382, 0.3169



32.0435, 0.4841, 0.3154



34.5811, 0.4231, 0.3812



11.8266, 0.3276, 0.3268



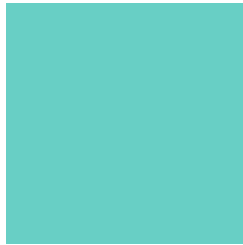
8.3962, 0.6280, 0.3233



0.4760, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 51.5999, 0.2532, 0.3429 looks on a white background.

Color Contrast Check

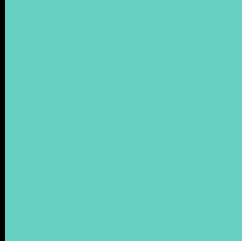
Large Text (above 18pt) WCAG AA × Fail

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 51.5999, 0.2532, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

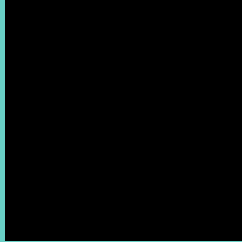
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

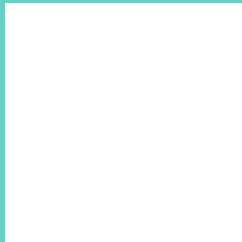
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5999, 0.2532, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 51.5999, 0.2532, 0.3429.

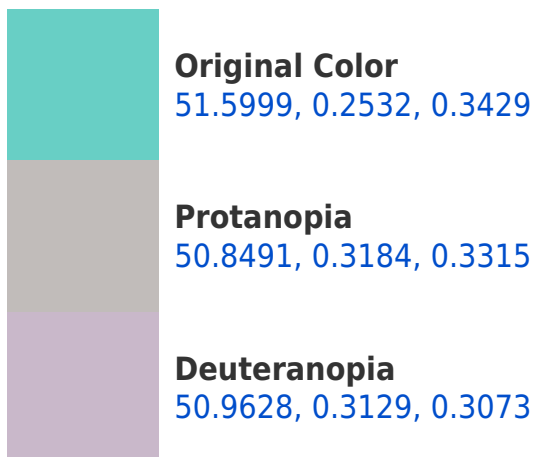


This preview shows how white text looks on a background with the Yxy color 51.5999, 0.2532, 0.3429.

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

51.7325, 0.2440, 0.3073

Trichromacy



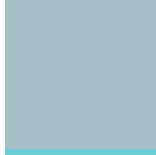
Original Color

51.5999, 0.2532, 0.3429



Protanomaly

50.3250, 0.2901, 0.3356



Deuteranomaly

49.9764, 0.2868, 0.3185



Tritanomaly

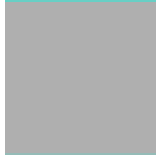
51.6043, 0.2468, 0.3192

Monochromacy



Original Color

51.5999, 0.2532, 0.3429



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

45.3491, 0.2855, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5999, 0.2532, 0.3429 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(104, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(104, 207, 197)  
}
```

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(104, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.5999, 0.2532, 0.3429 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(104, 207, 197) }
```

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

```
.border{ border-color:rgb(104, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(104, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5999, 0.2532, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 207, 197) }
```

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

```
.background{ background-color: rgb(104,  
207, 197) }
```

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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