

Converting Colors

$Yxy(54.4103, 0.2529, 0.3429)$

Have a look what the booklet for
Yxy(54.4103, 0.2529, 0.3429)
contains.

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Color

Yxy(54.4154, 0.2528, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	6AD4CA
RGB	106, 212, 202
RGB Percent	42%, 83%, 79%
CMY	0.5841, 0.1686, 0.2078
CMYK	0.50, 0.00, 0.05, 0.17
HSL	174°, 55%, 62%
HSV	174°, 50%, 83%
XYZ	40.1524, 54.4154, 64.2629
YIQ	179.1660, -59.9660, -25.5820

Conversions

Conversions Part 2

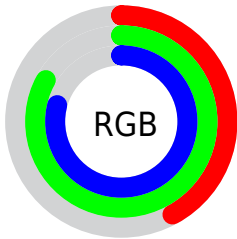
Format	Color
RYB	106, 162, 212
Decimal	7001290
CIELab	78.70, -33.03, -4.48
CIELCh	79, 33.337, 187.726
Yxy	54.4154, 0.2528, 0.3426
Android (android.graphics.Color)	4285191370 (0xFF6AD4CA)
YUV	179.1660, 11.2572, -64.1666
Hunter-Lab	73.7668, -31.9316, -0.0145

Details

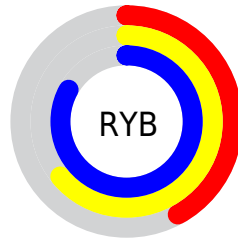
The Yxy color **54.4154, 0.2528, 0.3426** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.5785, 0.4397, 0.3171**, and the grayscale version is **45.1432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6325, 0.2624, 0.3289**, and **26.7443, 0.2374, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **53.1803, 0.2451, 0.3458**, and if you desaturate by 10%, it is **55.9770, 0.2622, 0.3395**.

Distribution



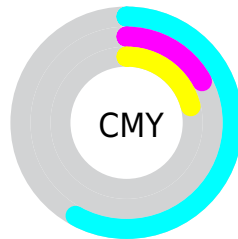
- Red (42%)
- Green (83%)
- Blue (79%)



- Red (42%)
- Yellow (64%)
- Blue (83%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (58%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4154, 0.2528, 0.3426 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 54.4154, 0.2528, 0.3426 by changing the saturation by 10% instead.


 54.4154, 0.2528,
0.3426


 54.4154, 0.2528,
0.3426


403.6921, 0.2816,
0.3364


 38.9339, 0.2460,
0.3440


 96.6839, 0.2630,
0.3405

 26.7083, 0.2374,
0.3456


 124.2396, 0.2669,
0.3397

 17.3543, 0.2264,
0.3476


 156.5889, 0.2702,
0.3389

 10.4874, 0.2116,
0.3502

194.1161, 0.2731,
0.3383

 5.7233, 0.1910,
0.3533

237.2057, 0.2756,
0.3378

 2.6776, 0.1605,
0.3569

286.2419, 0.2779,

 0.9658, 0.0438,

0.3373

0.3871

341.6092, 0.2798,
0.3368

0.0000, 0.0000,
0.0000

54.4154, 0.2528,
0.3426

54.4154, 0.2528,
0.3426

53.1803, 0.2451,
0.3458

55.9770, 0.2622,
0.3395

52.2413, 0.2393,
0.3490

57.8804, 0.2732,
0.3366

51.5730, 0.2355,
0.3522


60.1475, 0.2855,
0.3339

51.1428, 0.2335,
0.3555

62.7965, 0.2988,
0.3313

50.8916, 0.2330,
0.3587


65.8445, 0.3128,
0.3290

 50.8910, 0.2330,
0.3587

 69.3074, 0.3272,
0.3269

 73.2004, 0.3418,
0.3250

 73.4079, 0.3407,
0.3230

 73.5133, 0.3393,
0.3210

Harmonies

Analogous

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



54.4154, 0.2881, 0.3837



54.4154, 0.2528, 0.3426



54.4154, 0.2338, 0.3005

Triad

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



54.4154, 0.2528, 0.3426



54.4154, 0.2890, 0.2627



54.4154, 0.3971, 0.3813

Complementary

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



54.4154, 0.2528, 0.3426



25.5785, 0.4397, 0.3171

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.



54.4154, 0.3987, 0.3477



54.4154, 0.2528, 0.3426



54.4154, 0.3337, 0.2821

Square

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



54.4154, 0.2528, 0.3426



54.4154, 0.2535, 0.2581



54.4154, 0.3749, 0.3123



54.4154, 0.3719, 0.4045

Rectangle

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



54.4154, 0.2528, 0.3426



54.4154, 0.2318, 0.2788



54.4154, 0.3749, 0.3123



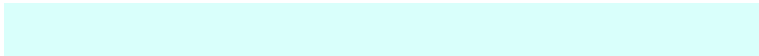
54.4154, 0.4006, 0.3708

Sweetspot

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



54.4175, 0.2528, 0.3426



93.2231, 0.2918, 0.3326



51.8852, 0.3118, 0.4839



19.7735, 0.2890, 0.3332



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.



54.4175, 0.2528, 0.3426



80.6695, 0.2447, 0.3460



36.4285, 0.2360, 0.2675



14.0867, 0.2995, 0.3312



31.4266, 0.2328, 0.3582



1.9015, 0.2313, 0.3527

Inverse Universe

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



25.5785, 0.4397, 0.3171



32.0339, 0.4847, 0.3158



36.3542, 0.4240, 0.3815



12.4397, 0.3276, 0.3268



8.6789, 0.6286, 0.3236



0.5302, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 54.4154, 0.2528, 0.3426 looks on a white background.

Color Contrast Check

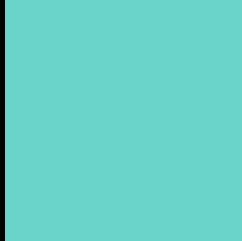
Large Text (above 18pt) WCAG AA × Fail

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 54.4154, 0.2528, 0.3426 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

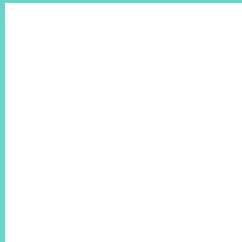
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4154, 0.2528, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 54.4154, 0.2528, 0.3426.

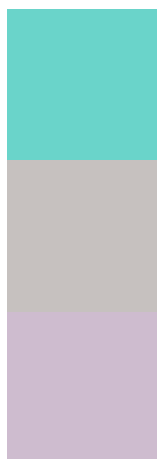


This preview shows how white text looks on a background with the Yxy color 54.4154, 0.2528, 0.3426.

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

54.4154, 0.2528, 0.3426

Protanopia

53.9073, 0.3183, 0.3315

Deuteranopia

53.5932, 0.3130, 0.3066



Tritanopia

54.1254, 0.2439, 0.3064

Trichromacy



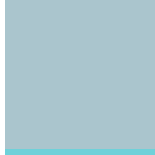
Original Color

54.4154, 0.2528, 0.3426



Protanomaly

53.2480, 0.2899, 0.3354



Deuteranomaly

52.8863, 0.2867, 0.3188



Tritanomaly

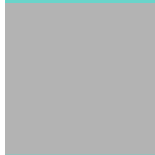
53.9902, 0.2467, 0.3181

Monochromacy



Original Color

54.4154, 0.2528, 0.3426



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.5249, 0.2853, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4154, 0.2528, 0.3426 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(106, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(106, 212, 202)  
}
```

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(106, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 212, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.4154, 0.2528, 0.3426 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(106, 212, 202) }
```

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

```
.border{ border-color:rgb(106, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(106, 212,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4154, 0.2528, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 212, 202) }
```

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

```
.background{ background-color: rgb(106,  
212, 202) }
```

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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