

Converting Colors

$Yxy(53.9175, 0.2481, 0.3451)$

Have a look what the booklet for
Yxy(53.9175, 0.2481, 0.3451)
contains.

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Color

Yxy(54.1327, 0.2480, 0.3456)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DD5C9 |
| RGB | 93, 213, 201 |
| RGB Percent | 36%, 84%, 79% |
| CMY | 0.6356, 0.1647, 0.2118 |
| CMYK | 0.56, 0.00, 0.06, 0.16 |
| HSL | 174°, 59%, 60% |
| HSV | 174°, 56%, 84% |
| XYZ | 38.8452, 54.1327, 63.6560 |
| YIQ | 175.7520, -67.6680, -29.1720 |

Conversions

Conversions Part 2

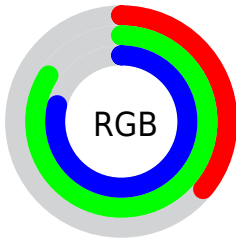
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 93, 156, 213 |
| Decimal | 6149577 |
| CIELab | 78.54, -36.44, -4.24 |
| CIELCh | 79, 36.688, 186.629 |
| Yxy | 54.1327, 0.2480, 0.3456 |
| Android (android.graphics.Color) | 4284339657 (0xFF5DD5C9) |
| YUV | 175.7520, 12.4473, -72.5735 |
| Hunter-Lab | 73.5749, -34.5138, 0.2055 |

Details

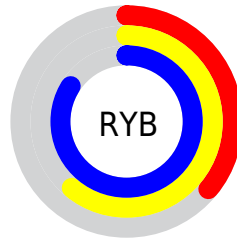
The Yxy color **54.1327, 0.2480, 0.3456** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.9840, 0.4651, 0.3153**, and the grayscale version is **43.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5123, 0.2574, 0.3288**, and **26.6248, 0.2316, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **53.0751, 0.2416, 0.3490**, and if you desaturate by 10%, it is **55.5053, 0.2563, 0.3423**.

Distribution



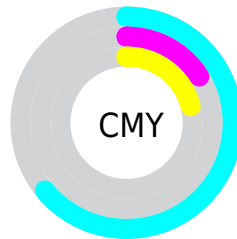
- Red (36%)
- Green (84%)
- Blue (79%)



- Red (36%)
- Yellow (61%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)





- Cyan (64%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1327, 0.2480, 0.3456 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 54.1327, 0.2480, 0.3456 by changing the saturation by 10% instead.


 54.1327, 0.2480,
0.3456

 54.1327, 0.2480,
0.3456

402.6158, 0.2791,
0.3380


 38.7078, 0.2406,
0.3473


 96.2691, 0.2590,
0.3430

 26.5325, 0.2314,
0.3494


 123.7493, 0.2632,
0.3420

 17.2224, 0.2195,
0.3519


 156.0167, 0.2668,
0.3411

 10.3932, 0.2036,
0.3551

 193.4557, 0.2699,
0.3403

 5.6604, 0.1815,
0.3591

236.4508, 0.2727,
0.3396

 2.6397, 0.1490,
0.3640

285.3862, 0.2751,

 0.9467, 0.0038,

0.3390

0.4067

340.6464, 0.2772,
0.3385

0.0000, 0.0000,
0.0000

54.1327, 0.2480,
0.3456

54.1327, 0.2480,
0.3456

53.0751, 0.2416,
0.3490

55.5053, 0.2563,
0.3423

52.2998, 0.2371,
0.3525

57.2100, 0.2663,
0.3391

51.7780, 0.2345,
0.3559

59.2701, 0.2777,
0.3360

51.4707, 0.2336,
0.3593

61.7050, 0.2903,
0.3332

51.3865, 0.2335,
0.3606

64.5326, 0.3038,
0.3305

■ 67.7699, 0.3179,
0.3282

■ 71.4325, 0.3323,
0.3260

■ 73.9187, 0.3406,
0.3240

■ 74.0310, 0.3390,
0.3218

Harmonies

Analogous

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



54.1327, 0.2870, 0.3912



54.1327, 0.2480, 0.3456



54.1327, 0.2267, 0.2987

Triad

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



54.1327, 0.2480, 0.3456



54.1327, 0.2848, 0.2562



54.1327, 0.4062, 0.3847

Complementary

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



54.1327, 0.2480, 0.3456



22.9840, 0.4651, 0.3153

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.



54.1327, 0.4071, 0.3474



54.1327, 0.2480, 0.3456



54.1327, 0.3338, 0.2767

Square

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



54.1327, 0.2480, 0.3456



54.1327, 0.2466, 0.2516



54.1327, 0.3799, 0.3091



54.1327, 0.3790, 0.4114

Rectangle

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



54.1327, 0.2480, 0.3456



54.1327, 0.2241, 0.2746



54.1327, 0.3799, 0.3091



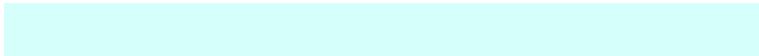
54.1327, 0.4097, 0.3729

Sweetspot

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



54.1348, 0.2480, 0.3456



92.4088, 0.2892, 0.3334



51.5057, 0.3122, 0.5053



19.6124, 0.2866, 0.3340



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.



54.1348, 0.2480, 0.3456



79.4484, 0.2403, 0.3498



34.7592, 0.2278, 0.2610



14.0855, 0.2996, 0.3313



31.3941, 0.2334, 0.3601



1.8999, 0.2317, 0.3541

Inverse Universe

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



22.9840, 0.4651, 0.3153



28.1344, 0.5200, 0.3148



33.3918, 0.4453, 0.3848



12.4408, 0.3276, 0.3267



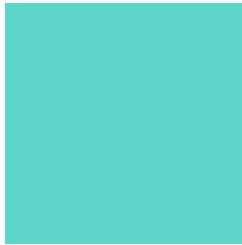
8.6819, 0.6277, 0.3231



0.5307, 0.5954, 0.3054

Previews

White Background



This preview shows how the Yxy color 54.1327, 0.2480, 0.3456 looks on a white background.

Color Contrast Check

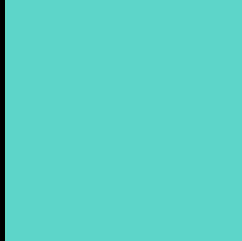
Large Text (above 18pt) WCAG AA × Fail

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 54.1327, 0.2480, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

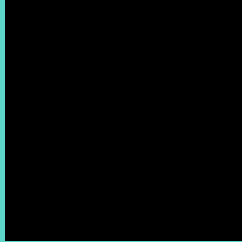
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

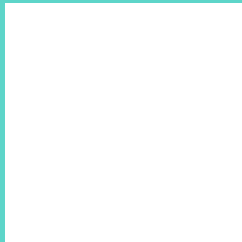
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1327, 0.2480, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 54.1327, 0.2480, 0.3456.

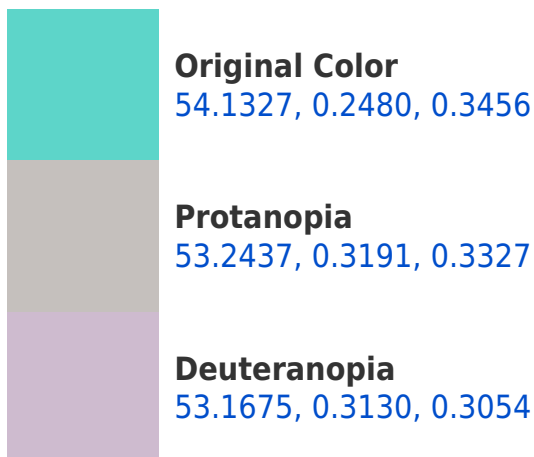


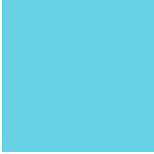
This preview shows how white text looks on a background with the Yxy color 54.1327, 0.2480, 0.3456.

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

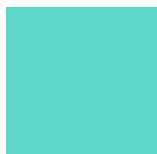




Tritanopia

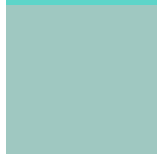
53.9167, 0.2386, 0.3062

Trichromacy



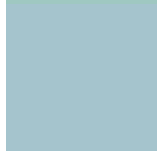
Original Color

54.1327, 0.2480, 0.3456



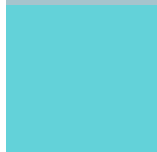
Protanomaly

52.5297, 0.2870, 0.3381



Deuteranomaly

51.8870, 0.2830, 0.3174



Tritanomaly

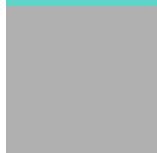
53.7556, 0.2419, 0.3193

Monochromacy



Original Color

54.1327, 0.2480, 0.3456



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.0090, 0.2821, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1327, 0.2480, 0.3456 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(93, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(93, 213, 201)  
}
```

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(93, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 213, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.1327, 0.2480, 0.3456 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(93, 213, 201) }
```

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

```
.border{ border-color:rgb(93, 213, 201) }
```

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

Here you see how a box with a 4 pixel rgb(93, 213, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(93, 213,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1327, 0.2480, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 213, 201) }
```

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

```
.background{ background-color: rgb(93, 213,  
201) }
```

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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