

Converting Colors

$Yxy(54.8323, 0.2455, 0.3837)$

Have a look what the booklet for
Yxy(54.8323, 0.2455, 0.3837)
contains.

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Color

Yxy(54.6688, 0.2454, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	30DBB6
RGB	48, 219, 182
RGB Percent	19%, 86%, 71%
CMY	0.8109, 0.1412, 0.2863
CMYK	0.78, 0.00, 0.17, 0.14
HSL	167°, 70%, 52%
HSV	167°, 78%, 86%
XYZ	35.0006, 54.6688, 52.9573
YIQ	163.6530, -90.0390, -47.7590

Conversions

Conversions Part 2

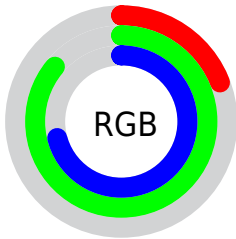
Format	Color
R_{YB}	48, 144, 219
Decimal	3201974
CIE _{Lab}	78.85, -50.45, 6.25
CIE _{LCh}	79, 50.838, 172.938
Yxy	54.6688, 0.2454, 0.3833
Android (android.graphics.Color)	4281392054 (0xFF30DBB6)
YUV	163.6530, 9.0451, -101.4277
Hunter-Lab	73.9384, -44.8946, 9.2912

Details

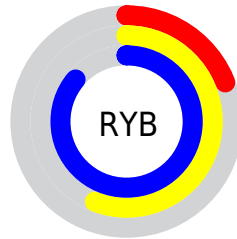
The Yxy color **54.6688, 0.2454, 0.3833** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **17.8511, 0.5305, 0.2966**, and the grayscale version is **36.9704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8306, 0.2524, 0.3488**, and **27.7794, 0.2435, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **54.0681, 0.2441, 0.3913**, and if you desaturate by 10%, it is **55.5433, 0.2487, 0.3753**.

Distribution



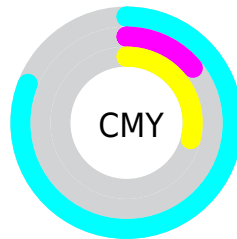
- Red (19%)
- Green (86%)
- Blue (71%)



- Red (19%)
- Yellow (56%)
- Blue (86%)



- Cyan (78%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (81%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6688, 0.2454, 0.3833 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 54.6688, 0.2454, 0.3833 by changing the saturation by 10% instead.

 54.6688, 0.2454,
0.3833


 54.6688, 0.2454,
0.3833


404.6552, 0.2783,
0.3562


 39.1366, 0.2375,
0.3900


 97.0555, 0.2571,
0.3735


 26.8660, 0.2275,
0.3986


 124.6789, 0.2616,
0.3698


 17.4726, 0.2144,
0.4099


 157.1014, 0.2654,
0.3667

 10.5720, 0.1969,
0.4256

 194.7074, 0.2687,
0.3640

 5.7798, 0.1721,
0.4486

 237.8815, 0.2715,
0.3617

 2.7117, 0.1346,
0.4853

287.0078, 0.2741,

 0.9831, 0.0000,

0.3596

0.6095

342.4710, 0.2763,
0.3578

■ 0.0000, 0.0000,
0.0000

■ 54.6688, 0.2454,
0.3833

■ 54.6688, 0.2454,
0.3833

■ 54.0681, 0.2441,
0.3913

■ 55.5433, 0.2487,
0.3753

■ 53.6864, 0.2445,
0.3992

■ 56.7194, 0.2540,
0.3674

■ 53.6210, 0.2447,
0.4008

■ 58.2282, 0.2610,
0.3598

■ 60.0952, 0.2698,
0.3525

■ 62.3435, 0.2798,
0.3456

■ 64.9943, 0.2909,
0.3392

■ 68.0669, 0.3029,
0.3333

■ 71.5798, 0.3152,
0.3280

■ 75.5500, 0.3279,
0.3232

Harmonies

Analogous

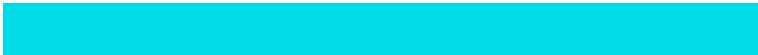
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.6688, 0.3048, 0.4388



54.6688, 0.2454, 0.3833



54.6688, 0.2066, 0.3131

Triad

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



54.6688, 0.2454, 0.3833



54.6688, 0.2483, 0.2266



54.6688, 0.4466, 0.3783

Complementary

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



54.6688, 0.2454, 0.3833



17.8511, 0.5305, 0.2966

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.



54.6688, 0.4307, 0.3273



54.6688, 0.2454, 0.3833



54.6688, 0.3090, 0.2448

Square

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



54.6688, 0.2454, 0.3833



54.6688, 0.2088, 0.2300



54.6688, 0.3779, 0.2804



54.6688, 0.4224, 0.4247

Rectangle

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



54.6688, 0.2454, 0.3833



54.6688, 0.1955, 0.2739



54.6688, 0.3779, 0.2804



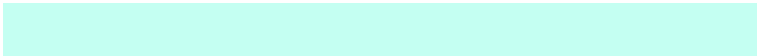
54.6688, 0.4460, 0.3613

Sweetspot

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



54.6709, 0.2454, 0.3833



89.7311, 0.2850, 0.3424



52.9535, 0.3170, 0.5614



18.9236, 0.2810, 0.3448



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.



54.6709, 0.2454, 0.3833



75.9387, 0.2442, 0.3967



35.8103, 0.2116, 0.2609



14.7787, 0.3011, 0.3341



31.8134, 0.2443, 0.3996



2.0733, 0.2408, 0.3867

Inverse Universe

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



17.8511, 0.5305, 0.2966



22.0183, 0.5909, 0.3066



23.2379, 0.5397, 0.3718



13.0975, 0.3258, 0.3240



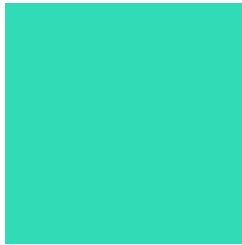
9.0671, 0.6019, 0.3089



0.6003, 0.5560, 0.2836

Previews

White Background



This preview shows how the Yxy color 54.6688, 0.2454, 0.3833 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 54.6688, 0.2454, 0.3833 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

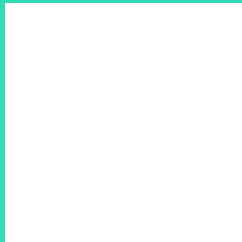
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6688, 0.2454, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 54.6688, 0.2454, 0.3833.



This preview shows how white text looks on a background with the Yxy color 54.6688, 0.2454, 0.3833.

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

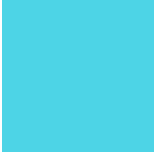
54.6688, 0.2454, 0.3833

Protanopia

53.6636, 0.3404, 0.3598

Deuteranopia

53.5109, 0.3339, 0.3267



Tritanopia

54.3779, 0.2291, 0.3047

Trichromacy



Original Color

54.6688, 0.2454, 0.3833



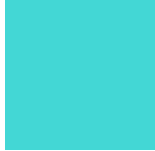
Protanomaly

51.4612, 0.2918, 0.3689



Deuteranomaly

51.2620, 0.2880, 0.3464



Tritanomaly

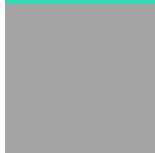
54.5983, 0.2346, 0.3315

Monochromacy



Original Color

54.6688, 0.2454, 0.3833



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

41.3588, 0.2740, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6688, 0.2454, 0.3833 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(48, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(48, 219, 182)  
}
```

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(48, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 219, 182) }
```

Border

The CSS property to change the border of an element to Yxy 54.6688, 0.2454, 0.3833 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(48, 219, 182) }
```

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

```
.border{ border-color:rgb(48, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(48, 219,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6688, 0.2454, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 219, 182) }
```

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

```
.background{ background-color: rgb(48, 219,  
182) }
```

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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