

Converting Colors

$Yxy(39.1444, 0.2448, 0.3183)$

Have a look what the booklet for
Yxy(39.1444, 0.2448, 0.3183)
contains.

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Color

Yxy(38.9539, 0.2451, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	5CB5BC
RGB	92, 181, 188
RGB Percent	36%, 71%, 74%
CMY	0.6388, 0.2902, 0.2627
CMYK	0.51, 0.04, 0.00, 0.26
HSL	184°, 42%, 55%
HSV	184°, 51%, 74%
XYZ	30.0239, 38.9539, 53.5187
YIQ	155.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

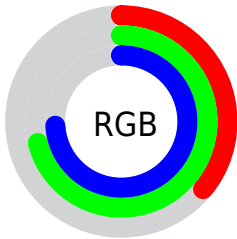
Format	Color
R_{YB}	92, 138, 188
Decimal	6075836
CIE _{Lab}	68.72, -24.64, -11.77
CIE _{LCh}	69, 27.308, 205.538
Yxy	38.9539, 0.2451, 0.3180
Android (android.graphics.Color)	4284265916 (0xFF5CB5BC)
YUV	155.1870, 16.1768, -55.4150
Hunter-Lab	62.4131, -23.3551, -7.1516

Details

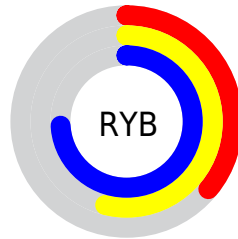
The Yxy color **38.9539, 0.2451, 0.3180** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **20.4181, 0.4508, 0.3390**, and the grayscale version is **32.8241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4896, 0.2575, 0.3207**, and **17.4206, 0.2257, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **37.5457, 0.2361, 0.3155**, and if you desaturate by 10%, it is **40.6110, 0.2558, 0.3204**.

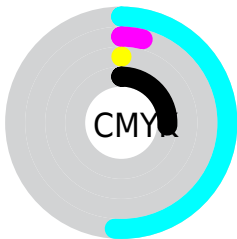
Distribution



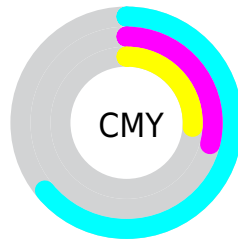
- Red (36%)
- Green (71%)
- Blue (74%)



- Red (36%)
- Yellow (54%)
- Blue (74%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)





- Cyan (64%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9539, 0.2451, 0.3180 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 38.9539, 0.2451, 0.3180 by changing the saturation by 10% instead.


 38.9539, 0.2451,
0.3180


 38.9539, 0.2451,
0.3180

341.6945, 0.2791,
0.3245


 26.7239, 0.2366,
0.3161


 73.5679, 0.2575,
0.3206


 17.3659, 0.2257,
0.3134


 96.7206, 0.2621,
0.3215

 10.4957, 0.2112,
0.3094

 124.2831, 0.2661,
0.3222

 5.7289, 0.1912,
0.3032

 156.6396, 0.2694,
0.3228

 2.6809, 0.1620,
0.2924

194.1746, 0.2723,
0.3234

 0.9675, 0.0909,
0.2786

237.2725, 0.2749,

 0.0000, 0.0000,

0.3238

0.0000

286.3176, 0.2771,
0.3242

■ 38.9539, 0.2451,
0.3180

■ 38.9539, 0.2451,
0.3180

■ 37.5457, 0.2361,
0.3155

■ 40.6110, 0.2558,
0.3204

■ 36.3637, 0.2289,
0.3131

■ 42.5288, 0.2681,
0.3227

■ 35.3889, 0.2237,
0.3106

■ 44.7235, 0.2816,
0.3249

■ 34.5966, 0.2203,
0.3081

■ 47.2090, 0.2960,
0.3269

■ 33.9965, 0.2183,
0.3059

■ 49.9979, 0.3112,
0.3288

■ 53.1024, 0.3267,
0.3305

■ 56.5338, 0.3424,
0.3321

■ 60.3028, 0.3579,
0.3335

■ 63.1997, 0.3680,
0.3348

Harmonies

Analogous

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



38.9539, 0.2695, 0.3577



38.9539, 0.2451, 0.3180



38.9539, 0.2379, 0.2850

Triad

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



38.9539, 0.2451, 0.3180



38.9539, 0.3151, 0.2770



38.9539, 0.3787, 0.3916

Complementary

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



38.9539, 0.2451, 0.3180



20.4181, 0.4508, 0.3390

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.



38.9539, 0.3935, 0.3656



38.9539, 0.2451, 0.3180



38.9539, 0.3556, 0.3015

Square

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



38.9539, 0.2451, 0.3180



38.9539, 0.2763, 0.2643



38.9539, 0.3851, 0.3331



38.9539, 0.3464, 0.4021

Rectangle

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



38.9539, 0.2451, 0.3180



38.9539, 0.2433, 0.2709



38.9539, 0.3851, 0.3331



38.9539, 0.3860, 0.3842

Sweetspot

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



38.9554, 0.2451, 0.3180



83.5720, 0.2898, 0.3261



39.1440, 0.3015, 0.4790



17.7683, 0.2867, 0.3257



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



38.9554, 0.2451, 0.3180



67.8063, 0.2353, 0.3153



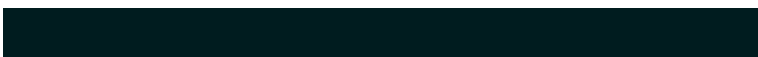
22.8724, 0.2297, 0.2390



10.6867, 0.2985, 0.3273



23.1907, 0.2184, 0.3062



0.9445, 0.2200, 0.3121

Inverse Universe

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



21.7033, 0.3266, 0.2153



33.5789, 0.3300, 0.1959



32.1666, 0.4138, 0.4030



9.6839, 0.3149, 0.3080



9.3708, 0.3400, 0.1646



0.3707, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 38.9539, 0.2451, 0.3180 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 38.9539, 0.2451, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

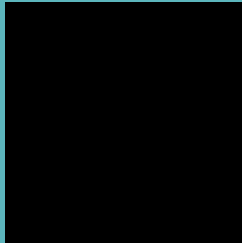
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

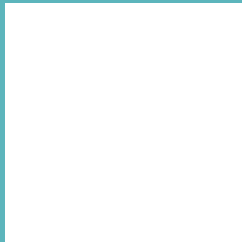
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9539, 0.2451, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 38.9539, 0.2451, 0.3180.

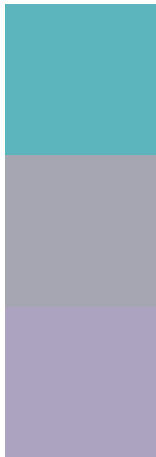


This preview shows how white text looks on a background with the Yxy color 38.9539, 0.2451, 0.3180.

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

38.9539, 0.2451, 0.3180

Protanopia

38.5938, 0.3026, 0.3123

Deuteranopia

38.6581, 0.2956, 0.2900



Tritanopia

38.9623, 0.2419, 0.3061

Trichromacy



Original Color

38.9539, 0.2451, 0.3180

Protanomaly

37.9922, 0.2771, 0.3128

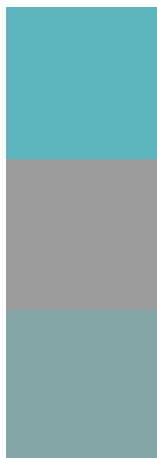
Deuteranomaly

38.2618, 0.2729, 0.2989

Tritanomaly

38.7754, 0.2430, 0.3105

Monochromacy



Original Color

38.9539, 0.2451, 0.3180

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.2465, 0.2818, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9539, 0.2451, 0.3180 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(92, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(92, 181, 188)  
}
```

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(92, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 181, 188) }
```

Border

The CSS property to change the border of an element to Yxy 38.9539, 0.2451, 0.3180 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(92, 181, 188) }
```

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

```
.border{ border-color:rgb(92, 181, 188) }
```

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

Here you see how a box with a 4 pixel rgb(92, 181, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(92, 181,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9539, 0.2451, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 181, 188) }
```

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

```
.background{ background-color: rgb(92, 181,  
188) }
```

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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