

Converting Colors

$Yxy(39.2104, 0.2488, 0.3517)$

Have a look what the booklet for
Yxy(39.2104, 0.2488, 0.3517)
contains.

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Color

Yxy(39.2160, 0.2487, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	4DB9AB
RGB	77, 185, 171
RGB Percent	30%, 73%, 67%
CMY	0.6983, 0.2745, 0.3295
CMYK	0.58, 0.00, 0.08, 0.27
HSL	172°, 44%, 51%
HSV	172°, 58%, 73%
XYZ	27.7548, 39.2160, 44.6286
YIQ	151.1120, -59.8740, -27.2500

Conversions

Conversions Part 2

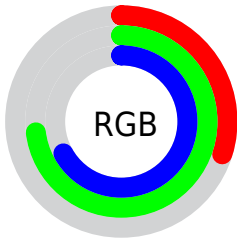
Format	Color
RYB	77, 135, 185
Decimal	5093803
CIELab	68.91, -34.26, -2.17
CIElCh	69, 34.331, 183.628
Yxy	39.2160, 0.2487, 0.3514
Android (android.graphics.Color)	4283283883 (0xFF4DB9AB)
YUV	151.1120, 9.8048, -64.9962
Hunter-Lab	62.6227, -30.4774, 1.5824

Details

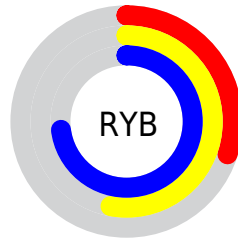
The Yxy color **39.2160, 0.2487, 0.3514** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **16.3680, 0.4661, 0.3108**, and the grayscale version is **30.9669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2295, 0.2609, 0.3482**, and **17.5645, 0.2324, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **38.4644, 0.2428, 0.3559**, and if you desaturate by 10%, it is **40.1911, 0.2564, 0.3470**.

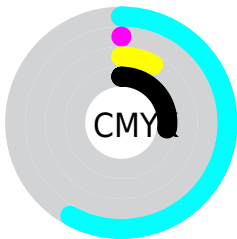
Distribution



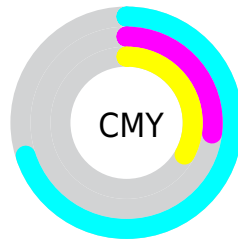
- Red (30%)
- Green (73%)
- Blue (67%)



- Red (30%)
- Yellow (53%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (70%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2160, 0.2487, 0.3514 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 39.2160, 0.2487, 0.3514 by changing the saturation by 10% instead.


 39.2160, 0.2487,
0.3514


 39.2160, 0.2487,
0.3514


342.8080, 0.2813,
0.3402


 26.9278, 0.2404,
0.3542


 73.9682, 0.2606,
0.3474


 17.5190, 0.2297,
0.3577


 97.2009, 0.2651,
0.3458

 10.6052, 0.2154,
0.3623


 124.8507, 0.2688,
0.3445

 5.8020, 0.1953,
0.3686

 157.3018, 0.2721,
0.3434

 2.7251, 0.1653,
0.3775

194.9387, 0.2748,
0.3425

 0.9900, 0.0431,
0.4229

238.1458, 0.2772,

 0.0000, 0.0000,

0.3416

0.0000

287.3074, 0.2794,
0.3409

■ 39.2160, 0.2487,
0.3514

■ 39.2160, 0.2487,
0.3514

■ 38.4644, 0.2428,
0.3559

■ 40.1911, 0.2564,
0.3470

■ 37.9126, 0.2388,
0.3604

■ 41.4019, 0.2658,
0.3428

■ 37.5396, 0.2367,
0.3649

■ 42.8653, 0.2766,
0.3388

■ 37.3086, 0.2362,
0.3694

■ 44.5952, 0.2886,
0.3351

■ 37.2764, 0.2361,
0.3701

■ 46.6045, 0.3014,
0.3317

■ 48.9054, 0.3149,
0.3285

■ 51.5091, 0.3287,
0.3257

■ 54.4265, 0.3426,
0.3232

■ 57.6679, 0.3564,
0.3209

Harmonies

Analogous

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



39.2160, 0.2906, 0.3979



39.2160, 0.2487, 0.3514



39.2160, 0.2246, 0.3016

Triad

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



39.2160, 0.2487, 0.3514



39.2160, 0.2790, 0.2522



39.2160, 0.4115, 0.3830

Complementary

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



39.2160, 0.2487, 0.3514



16.3680, 0.4661, 0.3108

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.



39.2160, 0.4095, 0.3438



39.2160, 0.2487, 0.3514



39.2160, 0.3293, 0.2720

Square

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



39.2160, 0.2487, 0.3514



39.2160, 0.2410, 0.2491



39.2160, 0.3785, 0.3045



39.2160, 0.3853, 0.4127

Rectangle

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



39.2160, 0.2487, 0.3514



39.2160, 0.2205, 0.2755



39.2160, 0.3785, 0.3045



39.2160, 0.4142, 0.3705

Sweetspot

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



39.2175, 0.2487, 0.3514



79.9003, 0.2887, 0.3351



37.4791, 0.3132, 0.5096



17.0203, 0.2851, 0.3361



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.2175, 0.2487, 0.3514



68.5763, 0.2415, 0.3571



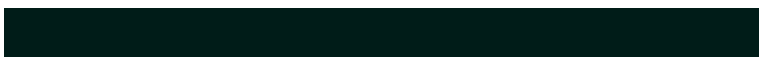
25.4456, 0.2265, 0.2621



10.1900, 0.3002, 0.3320



25.3859, 0.2360, 0.3695



0.9006, 0.2328, 0.3580

Inverse Universe

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



16.3680, 0.4661, 0.3108



23.8983, 0.5210, 0.3101



23.4706, 0.4519, 0.3835



9.0307, 0.3268, 0.3261



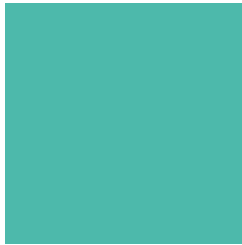
7.0743, 0.6212, 0.3196



0.2556, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 39.2160, 0.2487, 0.3514 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 39.2160, 0.2487, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

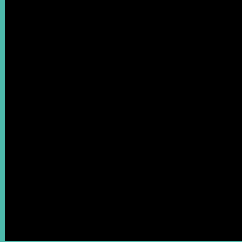
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

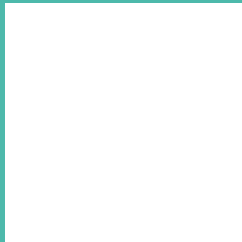
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2160, 0.2487, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 39.2160, 0.2487, 0.3514.

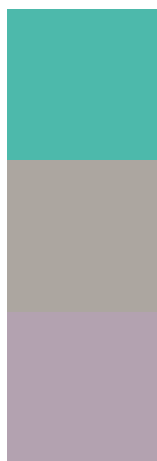


This preview shows how white text looks on a background with the Yxy color 39.2160, 0.2487, 0.3514.

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

39.2160, 0.2487, 0.3514

Protanopia

38.5812, 0.3236, 0.3375

Deuteranopia

38.5590, 0.3164, 0.3101



Tritanopia

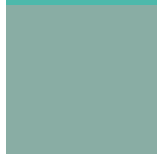
39.0595, 0.2383, 0.3060

Trichromacy



Original Color

39.2160, 0.2487, 0.3514



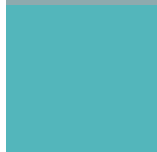
Protanomaly

37.8858, 0.2890, 0.3426



Deuteranomaly

37.5562, 0.2853, 0.3230



Tritanomaly

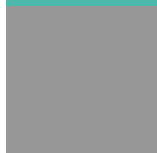
38.8828, 0.2416, 0.3210

Monochromacy



Original Color

39.2160, 0.2487, 0.3514



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

32.9481, 0.2821, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2160, 0.2487, 0.3514 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(77, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(77, 185, 171)  
}
```

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(77, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.2160, 0.2487, 0.3514 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(77, 185, 171) }
```

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

```
.border{ border-color:rgb(77, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(77, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2160, 0.2487, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 185, 171) }
```

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

```
.background{ background-color: rgb(77, 185,  
171) }
```

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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