

Converting Colors

$Yxy(39.5886, 0.2466, 0.3496)$

Have a look what the booklet for
Yxy(39.5886, 0.2466, 0.3496)
contains.

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Color

Yxy(39.5908, 0.2466, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	4ABAAD
RGB	74, 186, 173
RGB Percent	29%, 73%, 68%
CMY	0.7103, 0.2705, 0.3216
CMYK	0.60, 0.00, 0.07, 0.27
HSL	173°, 45%, 51%
HSV	173°, 60%, 73%
XYZ	27.9185, 39.5908, 45.7043
YIQ	151.0300, -62.5790, -27.7870

Conversions

Conversions Part 2

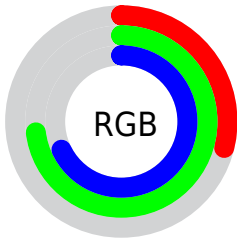
Format	Color
RYB	74, 133, 186
Decimal	4897453
CIELab	69.18, -34.77, -2.89
CIELCh	69, 34.893, 184.753
Yxy	39.5908, 0.2466, 0.3497
Android (android.graphics.Color)	4283087533 (0xFF4ABAAD)
YUV	151.0300, 10.8312, -67.5553
Hunter-Lab	62.9212, -30.9107, 0.9781

Details

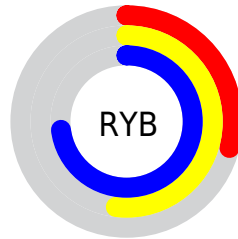
The Yxy color **39.5908, 0.2466, 0.3497** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **16.0090, 0.4766, 0.3126**, and the grayscale version is **30.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7710, 0.2593, 0.3469**, and **17.8830, 0.2317, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **38.8784, 0.2410, 0.3537**, and if you desaturate by 10%, it is **40.5257, 0.2541, 0.3458**.

Distribution



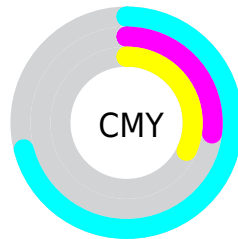
- Red (29%)
- Green (73%)
- Blue (68%)



- Red (29%)
- Yellow (52%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5908, 0.2466, 0.3497 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 39.5908, 0.2466, 0.3497 by changing the saturation by 10% instead.

 39.5908, 0.2466,
0.3497


 39.5908, 0.2466,
0.3497


344.3958, 0.2801,
0.3395


 27.2196, 0.2381,
0.3522


 74.5400, 0.2589,
0.3460


 17.7382, 0.2272,
0.3553


 97.8868, 0.2635,
0.3446

 10.7622, 0.2126,
0.3594

 125.6610, 0.2673,
0.3435

 5.9072, 0.1922,
0.3648

 158.2469, 0.2706,
0.3425

 2.7887, 0.1619,
0.3721

 196.0289, 0.2735,
0.3416

 1.0225, 0.0469,
0.4106

239.3915, 0.2760,

 0.0000, 0.0000,

0.3408

0.0000

288.7190, 0.2782,
0.3401

■ 39.5908, 0.2466,
0.3497

■ 39.5908, 0.2466,
0.3497

■ 38.8784, 0.2410,
0.3537

■ 40.5257, 0.2541,
0.3458

■ 38.3641, 0.2372,
0.3577

■ 41.6960, 0.2633,
0.3420

■ 38.0258, 0.2354,
0.3617

■ 43.1191, 0.2740,
0.3384

■ 37.8198, 0.2349,
0.3655

■ 44.8091, 0.2859,
0.3351

■ 46.7795, 0.2988,
0.3319

■ 49.0426, 0.3123,
0.3291

■ 51.6100, 0.3263,
0.3265

■ 54.4929, 0.3404,
0.3242

■ 57.7016, 0.3545,
0.3222

Harmonies

Analogous

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



39.5908, 0.2885, 0.3974



39.5908, 0.2466, 0.3497



39.5908, 0.2231, 0.2995

Triad

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



39.5908, 0.2466, 0.3497



39.5908, 0.2803, 0.2517



39.5908, 0.4122, 0.3850

Complementary

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



39.5908, 0.2466, 0.3497



16.0090, 0.4766, 0.3126

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.



39.5908, 0.4114, 0.3455



39.5908, 0.2466, 0.3497



39.5908, 0.3315, 0.2723

Square

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



39.5908, 0.2466, 0.3497



39.5908, 0.2413, 0.2480



39.5908, 0.3810, 0.3056



39.5908, 0.3848, 0.4145

Rectangle

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



39.5908, 0.2466, 0.3497



39.5908, 0.2195, 0.2735



39.5908, 0.3810, 0.3056



39.5908, 0.4154, 0.3724

Sweetspot

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



39.5923, 0.2466, 0.3497



81.8723, 0.2884, 0.3344



37.6414, 0.3117, 0.5164



17.8143, 0.2847, 0.3354



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.



39.5923, 0.2466, 0.3497



70.1502, 0.2397, 0.3549



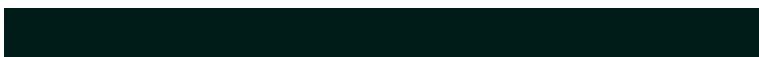
24.6508, 0.2235, 0.2561



10.1922, 0.3000, 0.3317



25.4466, 0.2347, 0.3650



0.9022, 0.2319, 0.3548

Inverse Universe

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



16.0090, 0.4766, 0.3126



23.7411, 0.5335, 0.3125



23.6250, 0.4562, 0.3873



9.0287, 0.3270, 0.3264



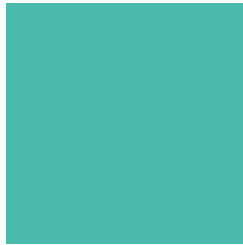
7.0670, 0.6238, 0.3210



0.2547, 0.5730, 0.2930

Previews

White Background



This preview shows how the Yxy color 39.5908, 0.2466, 0.3497 looks on a white background.

Color Contrast Check

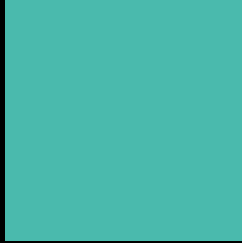
Large Text (above 18pt) WCAG AA × Fail

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 39.5908, 0.2466, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

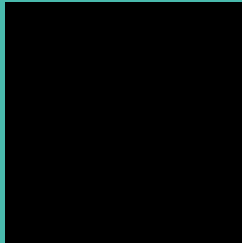
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

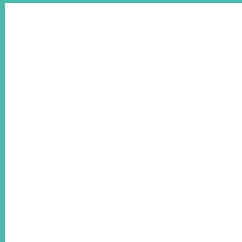
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5908, 0.2466, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 39.5908, 0.2466, 0.3497.

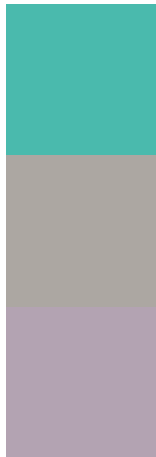


This preview shows how white text looks on a background with the Yxy color 39.5908, 0.2466, 0.3497.

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

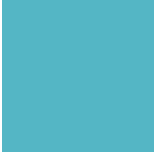
39.5908, 0.2466, 0.3497

Protanopia

39.0167, 0.3217, 0.3360

Deuteranopia

38.9924, 0.3146, 0.3088



Tritanopia

39.3719, 0.2368, 0.3060

Trichromacy



Original Color

39.5908, 0.2466, 0.3497

Protanomaly

38.2595, 0.2867, 0.3410

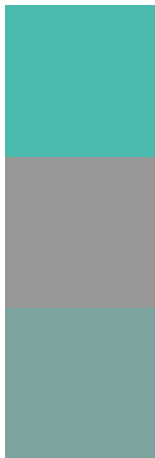
Deuteranomaly

37.9231, 0.2831, 0.3215

Tritanomaly

39.2033, 0.2401, 0.3210

Monochromacy



Original Color

39.5908, 0.2466, 0.3497

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

33.2651, 0.2806, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5908, 0.2466, 0.3497 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(74, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(74, 186, 173)  
}
```

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(74, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.5908, 0.2466, 0.3497 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(74, 186, 173) }
```

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

```
.border{ border-color:rgb(74, 186, 173) }
```

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

Here you see how a box with a 4 pixel rgb(74, 186, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(74, 186,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5908, 0.2466, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 173) }
```

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

```
.background{ background-color: rgb(74, 186,  
173) }
```

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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