

Converting Colors

$Yxy(39.0391, 0.2498, 0.3662)$

Have a look what the booklet for
Yxy(39.0391, 0.2498, 0.3662)
contains.

Yxy(39.0274, 0.2502, 0.3667)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0274, 0.2502, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	45BAA3
RGB	69, 186, 163
RGB Percent	27%, 73%, 64%
CMY	0.7290, 0.2706, 0.3608
CMYK	0.63, 0.00, 0.12, 0.27
HSL	168°, 46%, 50%
HSV	168°, 63%, 73%
XYZ	26.6285, 39.0274, 40.7728
YIQ	148.3950, -62.3490, -31.9570

Conversions

Conversions Part 2

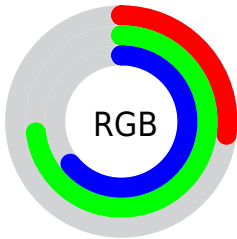
Format	Color
RYB	69, 134, 186
Decimal	4569763
CIELab	68.77, -38.22, 2.00
CIElCh	69, 38.276, 177.004
Yxy	39.0274, 0.2502, 0.3667
Android (android.graphics.Color)	4282759843 (0xFF45BAA3)
YUV	148.3950, 7.2003, -69.6294
Hunter-Lab	62.4719, -33.2408, 5.0342

Details

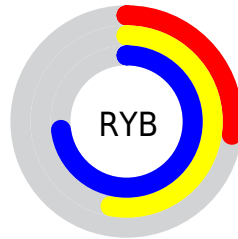
The Yxy color **39.0274, 0.2502, 0.3667** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **15.4830, 0.4708, 0.2997**, and the grayscale version is **29.7889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8303, 0.2618, 0.3596**, and **17.6502, 0.2385, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **38.3215, 0.2456, 0.3738**, and if you desaturate by 10%, it is **39.9534, 0.2566, 0.3598**.

Distribution



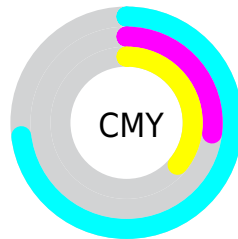
- Red (27%)
- Green (73%)
- Blue (64%)



- Red (27%)
- Yellow (53%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0274, 0.2502, 0.3667 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 39.0274, 0.2502, 0.3667 by changing the saturation by 10% instead.


 39.0274, 0.2502,
0.3667


 39.0274, 0.2502,
0.3667

342.0070, 0.2823,
0.3472

 26.7810, 0.2420,
0.3718


 73.6802, 0.2620,
0.3595

 17.4088, 0.2313,
0.3784


 96.8554, 0.2664,
0.3568


 10.5264, 0.2168,
0.3875


 124.4423, 0.2701,
0.3545

 5.7494, 0.1963,
0.4006

 156.8254, 0.2733,
0.3526

 2.6933, 0.1654,
0.4208

 194.3890, 0.2760,
0.3510

 0.9738, 0.0000,
0.5149

237.5176, 0.2783,

 0.0000, 0.0000,

0.3496

0.0000

286.5954, 0.2804,
0.3483

■ 39.0274, 0.2502,
0.3667

■ 39.0274, 0.2502,
0.3667

■ 38.3215, 0.2456,
0.3738

■ 39.9534, 0.2566,
0.3598

■ 37.8104, 0.2430,
0.3809

■ 41.1129, 0.2647,
0.3531

■ 37.4709, 0.2423,
0.3880

■ 42.5237, 0.2743,
0.3468

■ 37.2980, 0.2425,
0.3931

■ 44.2005, 0.2851,
0.3408

■ 46.1567, 0.2968,
0.3354

■ 48.4050, 0.3091,
0.3303

■ 50.9573, 0.3218,
0.3258

■ 53.8248, 0.3347,
0.3218

■ 57.0180, 0.3475,
0.3182

Harmonies

Analogous

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



39.0274, 0.2996, 0.4154



39.0274, 0.2502, 0.3667



39.0274, 0.2191, 0.3092

Triad

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



39.0274, 0.2502, 0.3667



39.0274, 0.2642, 0.2418



39.0274, 0.4252, 0.3788

Complementary

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



39.0274, 0.2502, 0.3667



15.4830, 0.4708, 0.2997

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.



39.0274, 0.4159, 0.3348



39.0274, 0.2502, 0.3667



39.0274, 0.3180, 0.2599

Square

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



39.0274, 0.2502, 0.3667



39.0274, 0.2269, 0.2427



39.0274, 0.3751, 0.2928



39.0274, 0.4018, 0.4159

Rectangle

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



39.0274, 0.2502, 0.3667



39.0274, 0.2112, 0.2775



39.0274, 0.3751, 0.2928



39.0274, 0.4260, 0.3644

Sweetspot

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



39.0289, 0.2502, 0.3667



81.3128, 0.2891, 0.3388



37.8473, 0.3178, 0.5207



17.6913, 0.2858, 0.3405



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.



39.0289, 0.2502, 0.3667



69.1113, 0.2445, 0.3762



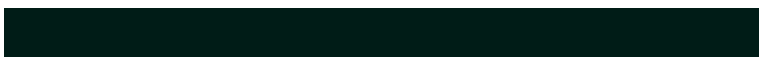
26.9247, 0.2243, 0.2699



10.1795, 0.3011, 0.3335



25.1051, 0.2423, 0.3921



0.8929, 0.2372, 0.3739

Inverse Universe

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



15.4830, 0.4708, 0.2997



23.0631, 0.5256, 0.2995



20.8055, 0.4748, 0.3757



9.0404, 0.3258, 0.3245



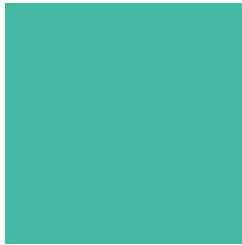
7.1200, 0.6055, 0.3109



0.2597, 0.5363, 0.2728

Previews

White Background



This preview shows how the Yxy color 39.0274, 0.2502, 0.3667 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 39.0274, 0.2502, 0.3667 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 39.0274, 0.2502, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 39.0274, 0.2502, 0.3667.

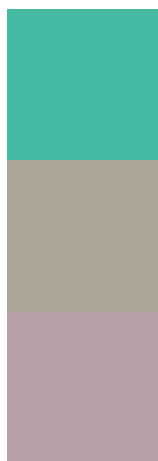


This preview shows how white text looks on a background with the Yxy color 39.0274, 0.2502, 0.3667.

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

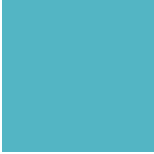
39.0274, 0.2502, 0.3667

Protanopia

38.4237, 0.3317, 0.3488

Deuteranopia

38.2620, 0.3266, 0.3196



Tritanopia

38.8723, 0.2365, 0.3059

Trichromacy



Original Color

39.0274, 0.2502, 0.3667



Protanomaly

37.4383, 0.2934, 0.3551



Deuteranomaly

37.1653, 0.2906, 0.3349



Tritanomaly

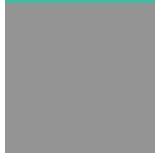
38.9474, 0.2414, 0.3272

Monochromacy



Original Color

39.0274, 0.2502, 0.3667



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

32.0625, 0.2817, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0274, 0.2502, 0.3667 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(69, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(69, 186, 163)  
}
```

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(69, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 186, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.0274, 0.2502, 0.3667 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(69, 186, 163) }
```

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

```
.border{ border-color:rgb(69, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(69, 186,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0274, 0.2502, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 186, 163) }
```

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

```
.background{ background-color: rgb(69, 186,  
163) }
```

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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