

Converting Colors

$Yxy(39.0184, 0.2349, 0.3216)$

Have a look what the booklet for
Yxy(39.0184, 0.2349, 0.3216)
contains.

Yxy(39.1051, 0.2353, 0.3225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1051, 0.2353, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	43B8BC
RGB	67, 184, 188
RGB Percent	26%, 72%, 74%
CMY	0.7373, 0.2784, 0.2628
CMYK	0.64, 0.02, 0.00, 0.26
HSL	182°, 47%, 50%
HSV	182°, 64%, 74%
XYZ	28.5316, 39.1051, 53.6195
YIQ	149.4730, -71.0160, -23.5600

Conversions

Conversions Part 2

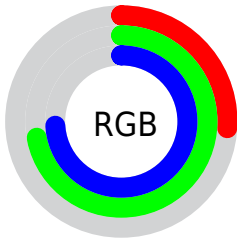
Format	Color
R _Y B	67, 126, 188
Decimal	4438204
CIE Lab	68.83, -30.85, -11.68
CIE LCh	69, 32.988, 200.742
Yxy	39.1051, 0.2353, 0.3225
Android (android.graphics.Color)	4282628284 (0xFF43B8BC)
YUV	149.4730, 18.9938, -72.3288
Hunter-Lab	62.5341, -27.9929, -7.0640

Details

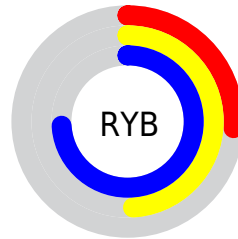
The Yxy color **39.1051, 0.2353, 0.3225** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **15.6017, 0.5144, 0.3344**, and the grayscale version is **30.2056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5190, 0.2492, 0.3241**, and **17.7145, 0.2216, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **38.2893, 0.2293, 0.3214**, and if you desaturate by 10%, it is **40.1406, 0.2432, 0.3236**.

Distribution



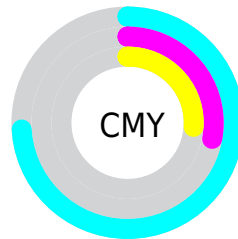
- Red (26%)
- Green (72%)
- Blue (74%)



- Red (26%)
- Yellow (49%)
- Blue (74%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (74%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1051, 0.2353, 0.3225 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 39.1051, 0.2353, 0.3225 by changing the saturation by 10% instead.

 39.1051, 0.2353,
0.3225


 39.1051, 0.2353,
0.3225


342.3371, 0.2741,
0.3269


 26.8415, 0.2257,
0.3210


 73.7988, 0.2494,
0.3244


 17.4542, 0.2134,
0.3188


 96.9978, 0.2547,
0.3250


 10.5589, 0.1971,
0.3155


 124.6106, 0.2592,
0.3255

 5.7710, 0.1749,
0.3101

 157.0218, 0.2630,
0.3259

 2.7064, 0.1430,
0.3001

 194.6156, 0.2663,
0.3262

 0.9804, 0.0523,
0.2920

237.7765, 0.2692,

 0.0000, 0.0000,

0.3265

0.0000

286.8889, 0.2718,
0.3267

■ 39.1051, 0.2353,
0.3225

■ 39.1051, 0.2353,
0.3225

■ 38.2893, 0.2293,
0.3214

■ 40.1406, 0.2432,
0.3236

■ 37.6670, 0.2252,
0.3203

■ 41.4102, 0.2529,
0.3247

■ 37.2134, 0.2228,
0.3192

■ 42.9323, 0.2643,
0.3258

■ 37.0017, 0.2219,
0.3186

■ 44.7220, 0.2771,
0.3268

■ 46.7934, 0.2911,
0.3277

■ 49.1597, 0.3060,
0.3286

■ 51.8330, 0.3215,
0.3295

■ 54.8248, 0.3373,
0.3302

■ 58.1463, 0.3531,
0.3309

Harmonies

Analogous

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



39.1051, 0.2668, 0.3713



39.1051, 0.2353, 0.3225



39.1051, 0.2237, 0.2808

Triad

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



39.1051, 0.2353, 0.3225



39.1051, 0.3072, 0.2639



39.1051, 0.3964, 0.3994

Complementary

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



39.1051, 0.2353, 0.3225



15.6017, 0.5144, 0.3344

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.



39.1051, 0.4105, 0.3656



39.1051, 0.2353, 0.3225



39.1051, 0.3569, 0.2908

Square

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



39.1051, 0.2353, 0.3225



39.1051, 0.2626, 0.2514



39.1051, 0.3960, 0.3268



39.1051, 0.3597, 0.4172

Rectangle

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



39.1051, 0.2353, 0.3225



39.1051, 0.2278, 0.2624



39.1051, 0.3960, 0.3268



39.1051, 0.4040, 0.3893

Sweetspot

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



39.1066, 0.2353, 0.3225



82.8850, 0.2841, 0.3273



37.5887, 0.3022, 0.5315



17.5973, 0.2801, 0.3270



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.



39.1066, 0.2353, 0.3225



68.9160, 0.2275, 0.3210



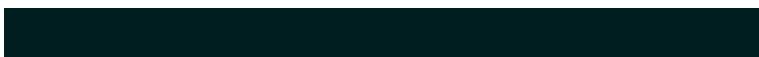
19.6133, 0.2116, 0.2209



10.7540, 0.2985, 0.3282



25.2157, 0.2219, 0.3188



1.0048, 0.2226, 0.3213

Inverse Universe

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



18.1660, 0.3245, 0.1877



28.4415, 0.3267, 0.1704



26.9327, 0.4526, 0.4109



9.6907, 0.3143, 0.3071



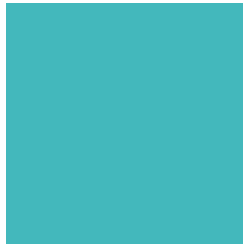
9.5752, 0.3292, 0.1587



0.3768, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 39.1051, 0.2353, 0.3225 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 39.1051, 0.2353, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

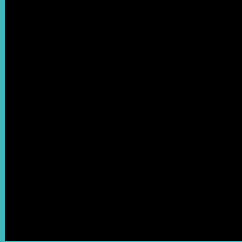
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

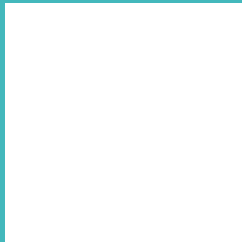
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1051, 0.2353, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 39.1051, 0.2353, 0.3225.

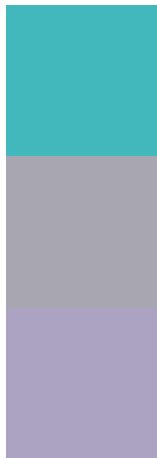


This preview shows how white text looks on a background with the Yxy color 39.1051, 0.2353, 0.3225.

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

39.1051, 0.2353, 0.3225

Protanopia

38.6623, 0.3043, 0.3137

Deuteranopia

38.7026, 0.2948, 0.2887



Tritanopia

39.2759, 0.2323, 0.3073

Trichromacy



Original Color

39.1051, 0.2353, 0.3225



Protanomaly

38.0486, 0.2720, 0.3170



Deuteranomaly

37.8740, 0.2663, 0.2998



Tritanomaly

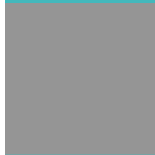
39.0641, 0.2330, 0.3118

Monochromacy



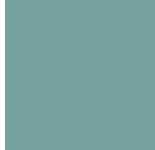
Original Color

39.1051, 0.2353, 0.3225



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

32.4069, 0.2741, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1051, 0.2353, 0.3225 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(67, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(67, 184, 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(67, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.1051, 0.2353, 0.3225 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(67, 184, 188) }
```

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

```
.border{ border-color:rgb(67, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(67, 184,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1051, 0.2353, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 184, 188) }
```

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

```
.background{ background-color: rgb(67, 184,  
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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