

Converting Colors

$Yxy(39.2504, 0.2282, 0.3262)$

Have a look what the booklet for
Yxy(39.2504, 0.2282, 0.3262)
contains.

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Color

Yxy(39.1607, 0.2281, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	26BABC
RGB	38, 186, 188
RGB Percent	15%, 73%, 74%
CMY	0.8508, 0.2706, 0.2628
CMYK	0.80, 0.01, 0.00, 0.26
HSL	181°, 66%, 44%
HSV	181°, 80%, 74%
XYZ	27.4341, 39.1607, 53.6776
YIQ	141.9760, -88.8500, -30.7540

Conversions

Conversions Part 2

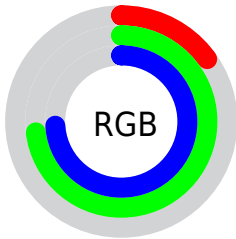
Format	Color
RYB	38, 112, 188
Decimal	2538172
CIELab	68.87, -35.37, -11.67
CIELCh	69, 37.248, 198.260
Yxy	39.1607, 0.2281, 0.3256
Android (android.graphics.Color)	4280728252 (0xFF26BABC)
YUV	141.9760, 22.6898, -91.1870
Hunter-Lab	62.5785, -31.2588, -7.0519

Details

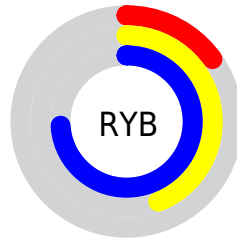
The Yxy color **39.1607, 0.2281, 0.3256** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **12.3475, 0.5862, 0.3314**, and the grayscale version is **26.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0776, 0.2435, 0.3276**, and **18.2518, 0.2228, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **38.7860, 0.2252, 0.3252**, and if you desaturate by 10%, it is **39.7189, 0.2328, 0.3260**.

Distribution



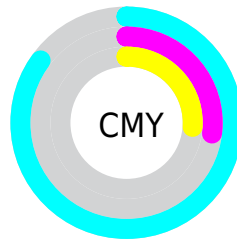
- Red (15%)
- Green (73%)
- Blue (74%)



- Red (15%)
- Yellow (44%)
- Blue (74%)



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)





- Cyan (85%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1607, 0.2281, 0.3256 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 39.1607, 0.2281, 0.3256 by changing the saturation by 10% instead.


 39.1607, 0.2281,
0.3256


 39.1607, 0.2281,
0.3256


342.5732, 0.2704,
0.3286


 26.8848, 0.2177,
0.3244


 73.8837, 0.2434,
0.3270

 17.4867, 0.2043,
0.3226


 97.0997, 0.2492,
0.3275


 10.5821, 0.1869,
0.3197


 124.7310, 0.2541,
0.3278

 5.7866, 0.1631,
0.3146

 157.1622, 0.2583,
0.3280

 2.7157, 0.1296,
0.3050

 194.7776, 0.2619,
0.3282

 0.9852, 0.0213,
0.3019

237.9617, 0.2651,

 0.0000, 0.0000,

0.3284

0.0000

287.0987, 0.2679,
0.3285

■ 39.1607, 0.2281,
0.3256

■ 39.1607, 0.2281,
0.3256

■ 38.7860, 0.2252,
0.3252

■ 39.7189, 0.2328,
0.3260

■ 38.5438, 0.2236,
0.3248

■ 40.4800, 0.2395,
0.3265

■ 38.5385, 0.2235,
0.3247

■ 41.4659, 0.2480,
0.3269

■ 42.6943, 0.2583,
0.3274

■ 44.1813, 0.2702,
0.3278

■ 45.9415, 0.2835,
0.3282

■ 47.9886, 0.2979,
0.3286

■ 50.3352, 0.3131,
0.3290

■ 52.9931, 0.3288,
0.3294

Harmonies

Analogous

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



39.1607, 0.2645, 0.3814



39.1607, 0.2281, 0.3256



39.1607, 0.2136, 0.2774

Triad

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



39.1607, 0.2281, 0.3256



39.1607, 0.3016, 0.2547



39.1607, 0.4090, 0.4046

Complementary

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



39.1607, 0.2281, 0.3256



12.3475, 0.5862, 0.3314

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.



39.1607, 0.4230, 0.3655



39.1607, 0.2281, 0.3256



39.1607, 0.3580, 0.2832

Square

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



39.1607, 0.2281, 0.3256



39.1607, 0.2529, 0.2422



39.1607, 0.4041, 0.3223



39.1607, 0.3690, 0.4279

Rectangle

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



39.1607, 0.2281, 0.3256



39.1607, 0.2169, 0.2561



39.1607, 0.4041, 0.3223



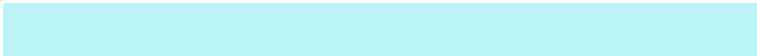
39.1607, 0.4170, 0.3926

Sweetspot

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



39.1622, 0.2281, 0.3256



81.7424, 0.2772, 0.3280



36.5107, 0.3012, 0.5748



17.3391, 0.2725, 0.3279



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.



39.1622, 0.2281, 0.3256



69.9713, 0.2239, 0.3248



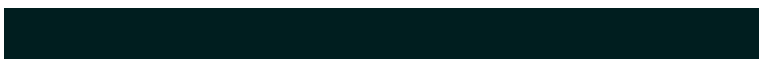
15.8549, 0.1938, 0.1947



10.7874, 0.2985, 0.3287



26.2546, 0.2236, 0.3248



1.0354, 0.2238, 0.3258

Inverse Universe

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



15.6227, 0.3230, 0.1666



25.9821, 0.3241, 0.1569



22.6412, 0.4960, 0.4161



9.6941, 0.3140, 0.3067



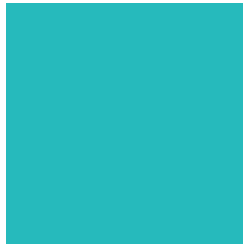
9.6801, 0.3242, 0.1560



0.3799, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 39.1607, 0.2281, 0.3256 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 39.1607, 0.2281, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

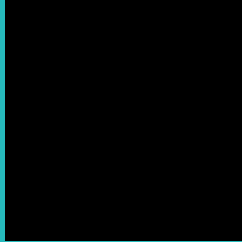
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

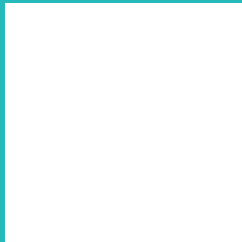
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1607, 0.2281, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 39.1607, 0.2281, 0.3256.

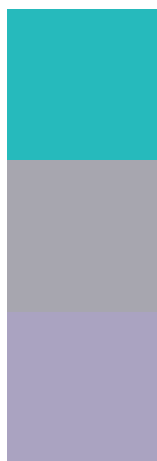


This preview shows how white text looks on a background with the Yxy color 39.1607, 0.2281, 0.3256.

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

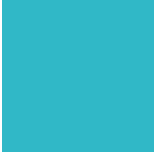
39.1607, 0.2281, 0.3256

Protanopia

38.5831, 0.3060, 0.3164

Deuteranopia

38.5907, 0.2939, 0.2886



Tritanopia

39.0329, 0.2244, 0.3055

Trichromacy



Original Color

39.1607, 0.2281, 0.3256



Protanomaly

37.1755, 0.2647, 0.3182



Deuteranomaly

37.0250, 0.2585, 0.2991



Tritanomaly

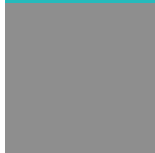
39.1735, 0.2257, 0.3131

Monochromacy



Original Color

39.1607, 0.2281, 0.3256



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

29.9000, 0.2647, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1607, 0.2281, 0.3256 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(38, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(38, 186, 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(38, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 186, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.1607, 0.2281, 0.3256 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(38, 186, 188) }
```

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

```
.border{ border-color:rgb(38, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(38, 186,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1607, 0.2281, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 186, 188) }
```

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

```
.background{ background-color: rgb(38, 186,  
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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