

Converting Colors

$Yxy(39.0616, 0.2177, 0.2861)$

Have a look what the booklet for
Yxy(39.0616, 0.2177, 0.2861)
contains.

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Color

Yxy(39.1056, 0.2179, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	2CB7D3
RGB	44, 183, 211
RGB Percent	17%, 72%, 83%
CMY	0.8272, 0.2824, 0.1725
CMYK	0.79, 0.13, 0.00, 0.17
HSL	190°, 65%, 50%
HSV	190°, 79%, 83%
XYZ	29.7317, 39.1056, 67.6093
YIQ	144.6310, -91.8320, -20.7600

Conversions

Conversions Part 2

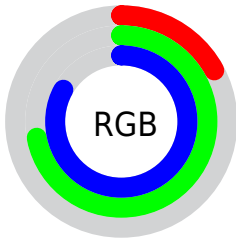
Format	Color
R_{YB}	44, 120, 211
Decimal	2930643
CIE _{Lab}	68.83, -26.22, -24.37
CIE _{LCh}	69, 35.799, 222.905
Yxy	39.1056, 0.2179, 0.2866
Android (android.graphics.Color)	4281120723 (0xFF2CB7D3)
YUV	144.6310, 32.7199, -88.2534
Hunter-Lab	62.5345, -24.5683, -20.3274

Details

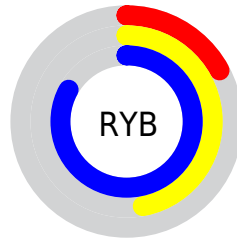
The Yxy color **39.1056, 0.2179, 0.2866** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **18.6748, 0.5619, 0.3540**, and the grayscale version is **28.0590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8046, 0.2401, 0.3100**, and **18.3656, 0.2099, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **37.3100, 0.2130, 0.2806**, and if you desaturate by 10%, it is **41.1781, 0.2247, 0.2926**.

Distribution



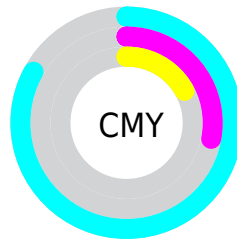
- Red (17%)
- Green (72%)
- Blue (83%)



- Red (17%)
- Yellow (47%)
- Blue (83%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)





- Cyan (83%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1056, 0.2179, 0.2866 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 39.1056, 0.2179, 0.2866 by changing the saturation by 10% instead.


 39.1056, 0.2179,
0.2866


 39.1056, 0.2179,
0.2866


 342.3392, 0.2646,
0.3096


 26.8419, 0.2066,
0.2804


 73.7996, 0.2346,
0.2954


 17.4545, 0.1924,
0.2721


 96.9987, 0.2410,
0.2985


 10.5591, 0.1742,
0.2608


 124.6117, 0.2464,
0.3012

 5.7712, 0.1500,
0.2444

 157.0230, 0.2511,
0.3034

 2.7065, 0.1172,
0.2193

 194.6170, 0.2551,
0.3053

 0.9805, 0.0535,
0.1817

237.7781, 0.2587,

 0.0000, 0.0000,

0.3069

0.0000

286.8908, 0.2618,
0.3084

■ 39.1056, 0.2179,
0.2866

■ 39.1056, 0.2179,
0.2866

■ 37.3100, 0.2130,
0.2806

■ 41.1781, 0.2247,
0.2926

■ 35.7350, 0.2097,
0.2746

■ 43.5551, 0.2335,
0.2986

■ 35.6005, 0.2095,
0.2741

■ 46.2653, 0.2440,
0.3045

■ 49.3325, 0.2561,
0.3101

■ 52.7780, 0.2694,
0.3155

■ 56.6215, 0.2837,
0.3205

■ 60.8812, 0.2987,
0.3251

■ 65.5742, 0.3141,
0.3294

■ 70.7163, 0.3295,
0.3332

Harmonies

Analogous

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



39.1056, 0.2360, 0.3355



39.1056, 0.2179, 0.2866



39.1056, 0.2223, 0.2553

Triad

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



39.1056, 0.2179, 0.2866



39.1056, 0.3468, 0.2790



39.1056, 0.3753, 0.4219

Complementary

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



39.1056, 0.2179, 0.2866



18.6748, 0.5619, 0.3540

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.



39.1056, 0.4100, 0.3961



39.1056, 0.2179, 0.2866



39.1056, 0.3942, 0.3155

Square

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



39.1056, 0.2179, 0.2866



39.1056, 0.2928, 0.2539



39.1056, 0.4178, 0.3571



39.1056, 0.3254, 0.4211

Rectangle

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



39.1056, 0.2179, 0.2866



39.1056, 0.2374, 0.2461



39.1056, 0.4178, 0.3571



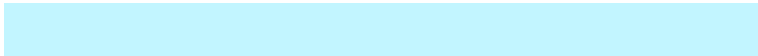
39.1056, 0.3892, 0.4156

Sweetspot

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



39.1070, 0.2179, 0.2866



83.8071, 0.2763, 0.3180



47.5926, 0.2930, 0.5467



17.4927, 0.2712, 0.3161



0.0000, 0.0000, 0.0000



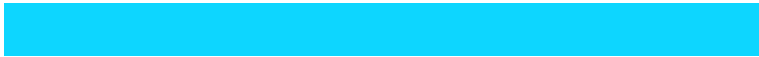
21.4041, 0.3127, 0.3290

Same Dimension

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



39.1070, 0.2179, 0.2866



55.5819, 0.2107, 0.2765



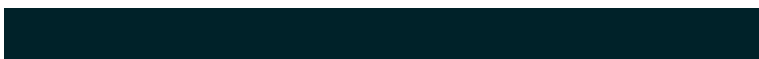
14.2991, 0.1822, 0.1504



13.0554, 0.2983, 0.3250



21.6149, 0.2097, 0.2750



1.3003, 0.2128, 0.2859

Inverse Universe

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



19.0742, 0.3562, 0.1871



26.4152, 0.3666, 0.1808



37.5928, 0.4639, 0.4461



11.9736, 0.3163, 0.3099



10.2533, 0.3681, 0.1801



0.5826, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 39.1056, 0.2179, 0.2866 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 39.1056, 0.2179, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

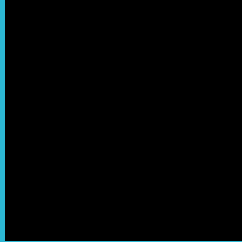
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1056, 0.2179, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 39.1056, 0.2179, 0.2866.

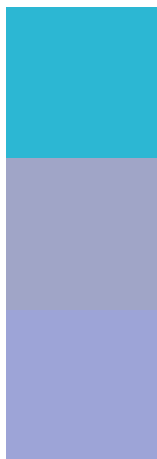


This preview shows how white text looks on a background with the Yxy color 39.1056, 0.2179, 0.2866.

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

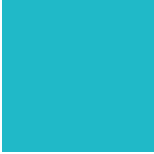
39.1056, 0.2179, 0.2866

Protanopia

38.5074, 0.2809, 0.2827

Deuteranopia

38.6253, 0.2670, 0.2614



Tritanopia

39.1751, 0.2212, 0.3054

Trichromacy



Original Color

39.1056, 0.2179, 0.2866



Protanomaly

37.6684, 0.2487, 0.2839



Deuteranomaly

37.6939, 0.2410, 0.2679



Tritanomaly

39.0157, 0.2197, 0.2980

Monochromacy



Original Color

39.1056, 0.2179, 0.2866



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

30.8490, 0.2608, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1056, 0.2179, 0.2866 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(44, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(44, 183, 211)  
}
```

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(44, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 183, 211) }
```

Border

The CSS property to change the border of an element to Yxy 39.1056, 0.2179, 0.2866 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(44, 183, 211) }
```

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

```
.border{ border-color:rgb(44, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(44, 183,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1056, 0.2179, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 183, 211) }
```

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

```
.background{ background-color: rgb(44, 183,  
211) }
```

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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