

Converting Colors

$Yxy(39.5137, 0.2231, 0.2881)$

Have a look what the booklet for
Yxy(39.5137, 0.2231, 0.2881)
contains.

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Color

Yxy(39.5769, 0.2232, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	3FB7D2
RGB	63, 183, 210
RGB Percent	25%, 72%, 82%
CMY	0.7525, 0.2824, 0.1765
CMYK	0.70, 0.13, 0.00, 0.18
HSL	191°, 62%, 54%
HSV	191°, 70%, 82%
XYZ	30.6189, 39.5769, 66.9858
YIQ	150.1980, -80.1870, -17.0430

Conversions

Conversions Part 2

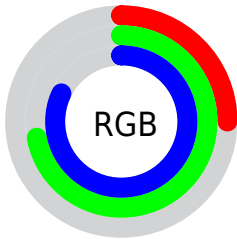
Format	Color
R _Y B	63, 129, 210
Decimal	4175826
CIE Lab	69.17, -24.34, -23.26
CIE LCh	69, 33.668, 223.698
Yxy	39.5769, 0.2232, 0.2885
Android (android.graphics.Color)	4282365906 (0xFF3FB7D2)
YUV	150.1980, 29.4824, -76.4726
Hunter-Lab	62.9102, -23.2153, -19.0940

Details

The Yxy color **39.5769, 0.2232, 0.2885** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **21.3867, 0.5213, 0.3581**, and the grayscale version is **30.4979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6201, 0.2442, 0.3102**, and **18.3318, 0.2104, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **37.4429, 0.2163, 0.2818**, and if you desaturate by 10%, it is **42.0211, 0.2320, 0.2951**.

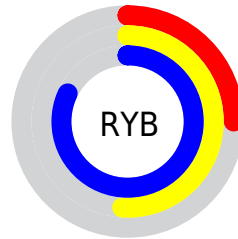
Distribution



Red (25%)

Green (72%)

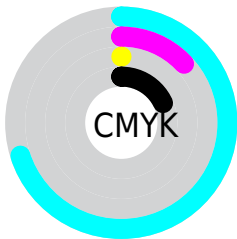
Blue (82%)



Red (25%)

Yellow (51%)

Blue (82%)

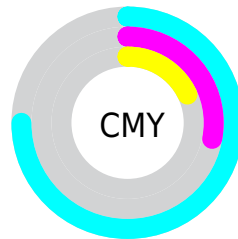


Cyan (70%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (75%)


Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5769, 0.2232, 0.2885 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 39.5769, 0.2232, 0.2885 by changing the saturation by 10% instead.


 39.5769, 0.2232,
0.2885


 39.5769, 0.2232,
0.2885


344.3370, 0.2674,
0.3104


 27.2088, 0.2125,
0.2826


 74.5188, 0.2390,
0.2968


 17.7301, 0.1990,
0.2748


 97.8614, 0.2451,
0.2998


 10.7564, 0.1816,
0.2641


 125.6310, 0.2502,
0.3023

 5.9033, 0.1583,
0.2487

 158.2119, 0.2546,
0.3044

 2.7864, 0.1264,
0.2249

 195.9886, 0.2584,
0.3063

 1.0212, 0.0683,
0.1884

239.3454, 0.2618,

 0.0000, 0.0000,

0.3078

0.0000

288.6667, 0.2647,
0.3092

■ 39.5769, 0.2232,
0.2885

■ 39.5769, 0.2232,
0.2885

■ 37.4429, 0.2163,
0.2818

■ 42.0211, 0.2320,
0.2951

■ 35.5825, 0.2113,
0.2752

■ 44.7983, 0.2426,
0.3016

■ 33.9391, 0.2080,
0.2686

■ 47.9337, 0.2547,
0.3078

■ 33.9306, 0.2080,
0.2686

■ 51.4489, 0.2681,
0.3137

■ 55.3635, 0.2825,
0.3193

■ 59.6956, 0.2975,
0.3244

■ 64.4621, 0.3128,
0.3290

■ 69.6790, 0.3282,
0.3332

■ 75.3614, 0.3435,
0.3370

Harmonies

Analogous

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



39.5769, 0.2399, 0.3340



39.5769, 0.2232, 0.2885



39.5769, 0.2279, 0.2593

Triad

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



39.5769, 0.2232, 0.2885



39.5769, 0.3461, 0.2827



39.5769, 0.3706, 0.4165

Complementary

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



39.5769, 0.2232, 0.2885



21.3867, 0.5213, 0.3581

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.



39.5769, 0.4035, 0.3933



39.5769, 0.2232, 0.2885



39.5769, 0.3899, 0.3176

Square

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



39.5769, 0.2232, 0.2885



39.5769, 0.2955, 0.2585



39.5769, 0.4114, 0.3570



39.5769, 0.3236, 0.4144

Rectangle

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



39.5769, 0.2232, 0.2885



39.5769, 0.2426, 0.2508



39.5769, 0.4114, 0.3570



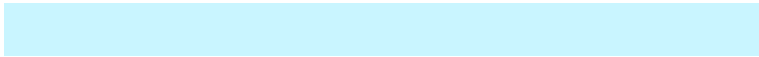
39.5769, 0.3838, 0.4110

Sweetspot

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



39.5783, 0.2232, 0.2885



85.1025, 0.2806, 0.3186



47.8834, 0.2918, 0.5186



17.8436, 0.2765, 0.3170



0.0000, 0.0000, 0.0000



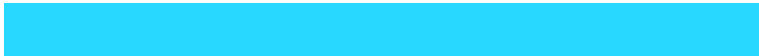
21.4041, 0.3127, 0.3290

Same Dimension

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



39.5783, 0.2232, 0.2885



56.6178, 0.2136, 0.2785



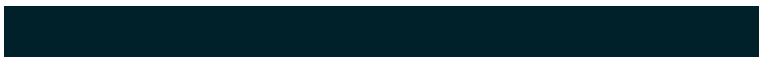
16.7818, 0.1938, 0.1692



13.0223, 0.2983, 0.3246



20.8376, 0.2082, 0.2696



1.2634, 0.2116, 0.2816

Inverse Universe

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



20.6845, 0.3534, 0.1981



27.7716, 0.3640, 0.1859



40.4212, 0.4445, 0.4420



11.9702, 0.3165, 0.3102



10.1748, 0.3732, 0.1830



0.5788, 0.3620, 0.1768

Previews

White Background



This preview shows how the Yxy color 39.5769, 0.2232, 0.2885 looks on a white background.

Color Contrast Check

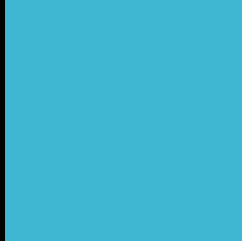
Large Text (above 18pt) WCAG AA × Fail

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 39.5769, 0.2232, 0.2885 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 39.5769, 0.2232, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 39.5769, 0.2232, 0.2885.



This preview shows how white text looks on a background with the Yxy color 39.5769, 0.2232, 0.2885.

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

39.5769, 0.2232, 0.2885

Protanopia

38.9267, 0.2825, 0.2855

Deuteranopia

39.2389, 0.2701, 0.2644



Tritanopia

39.7379, 0.2267, 0.3058

Trichromacy



Original Color

39.5769, 0.2232, 0.2885

Protanomaly

38.1293, 0.2538, 0.2857

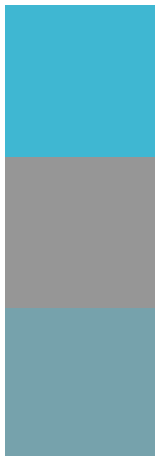
Deuteranomaly

38.6691, 0.2473, 0.2715

Tritanomaly

39.5704, 0.2251, 0.2984

Monochromacy



Original Color

39.5769, 0.2232, 0.2885

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

32.6708, 0.2667, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5769, 0.2232, 0.2885 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(63, 183, 210)` looks like.

```
.text, #text, p{  
    color:rgb(63, 183, 210)  
}
```

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(63, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 183, 210) }
```

Border

The CSS property to change the border of an element to Yxy 39.5769, 0.2232, 0.2885 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(63, 183, 210) }
```

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

```
.border{ border-color:rgb(63, 183, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 183, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(63, 183,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5769, 0.2232, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 183, 210) }
```

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

```
.background{ background-color: rgb(63, 183,  
210) }
```

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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