

Converting Colors

$Yxy(39.1323, 0.2061, 0.2560)$

Have a look what the booklet for
Yxy(39.1323, 0.2061, 0.2560)
contains.

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Color

Yxy(39.0806, 0.2061, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	19B5E8
RGB	25, 181, 232
RGB Percent	10%, 71%, 91%
CMY	0.9018, 0.2902, 0.0903
CMYK	0.89, 0.22, 0.00, 0.09
HSL	195°, 82%, 50%
HSV	195°, 89%, 91%
XYZ	31.4875, 39.0806, 82.2098
YIQ	140.1700, -109.3470, -17.2110

Conversions

Conversions Part 2

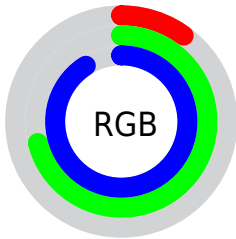
Format	Color
R _Y B	25, 114, 232
Decimal	1684968
CIE Lab	68.81, -19.59, -35.89
CIE LCh	69, 40.892, 241.375
Yxy	39.0806, 0.2061, 0.2558
Android (android.graphics.Color)	4279875048 (0xFF19B5E8)
YUV	140.1700, 45.2722, -101.0041
Hunter-Lab	62.5145, -19.4928, -34.2093

Details

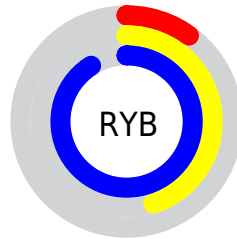
The Yxy color **39.0806, 0.2061, 0.2558** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **22.3916, 0.5833, 0.3625**, and the grayscale version is **26.1516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2991, 0.2378, 0.3074**, and **18.5729, 0.1995, 0.2382** is the 20% darker color. If you saturate the color by 10%, you get **36.6104, 0.2020, 0.2467**, and if you desaturate by 10%, it is **41.8805, 0.2120, 0.2650**.

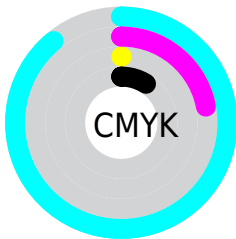
Distribution



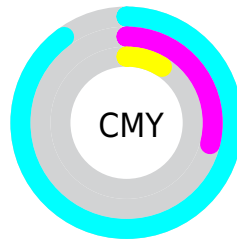
- Red (10%)
- Green (71%)
- Blue (91%)



- Red (10%)
- Yellow (45%)
- Blue (91%)



- Cyan (89%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0806, 0.2061, 0.2558 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 39.0806, 0.2061, 0.2558 by changing the saturation by 10% instead.

39.0806, 0.2061,
0.2558

39.0806, 0.2061,
0.2558

342.2330, 0.2580,
0.2937

26.8224, 0.1939,
0.2462

73.7614, 0.2245,
0.2697

17.4399, 0.1787,
0.2339

96.9529, 0.2315,
0.2749

10.5486, 0.1596,
0.2177

124.5576, 0.2375,
0.2793

5.7642, 0.1349,
0.1957

156.9599, 0.2427,
0.2831

2.7022, 0.1029,
0.1648

194.5442, 0.2473,
0.2863

0.9783, 0.0557,
0.1215

237.6949, 0.2513,

0.0000, 0.0000,

0.2891

0.0000

286.7964, 0.2548,
0.2916

■ 39.0806, 0.2061,
0.2558

■ 39.0806, 0.2061,
0.2558

■ 36.6104, 0.2020,
0.2467

■ 41.8805, 0.2120,
0.2650

■ 36.4227, 0.2017,
0.2460

■ 45.0703, 0.2199,
0.2743

■ 48.6929, 0.2297,
0.2834

■ 52.7833, 0.2413,
0.2923

■ 57.3724, 0.2543,
0.3008

■ 62.4881, 0.2684,
0.3089

■ 68.1558, 0.2832,
0.3164

■ 74.3991, 0.2985,
0.3232

■ 81.2402, 0.3139,
0.3295

Harmonies

Analogous

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



39.0806, 0.2106, 0.2994



39.0806, 0.2061, 0.2558



39.0806, 0.2260, 0.2359

Triad

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



39.0806, 0.2061, 0.2558



39.0806, 0.3872, 0.2964



39.0806, 0.3491, 0.4397

Complementary

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



39.0806, 0.2061, 0.2558



22.3916, 0.5833, 0.3625

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.



39.0806, 0.4012, 0.4255



39.0806, 0.2061, 0.2558



39.0806, 0.4267, 0.3414

Square

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



39.0806, 0.2061, 0.2558



39.0806, 0.3273, 0.2600



39.0806, 0.4310, 0.3877



39.0806, 0.2899, 0.4159

Rectangle

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



39.0806, 0.2061, 0.2558



39.0806, 0.2520, 0.2352



39.0806, 0.4310, 0.3877



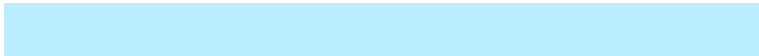
39.0806, 0.3680, 0.4387

Sweetspot

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



39.0819, 0.2061, 0.2558



78.8514, 0.2714, 0.3105



58.3927, 0.2905, 0.5567



16.3851, 0.2664, 0.3078



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.



39.0819, 0.2061, 0.2558



45.0038, 0.2015, 0.2455



11.8011, 0.1663, 0.1100



15.7034, 0.2981, 0.3231



20.4329, 0.2021, 0.2475



1.6534, 0.2058, 0.2608

Inverse Universe

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



21.1850, 0.3859, 0.1948



25.0743, 0.3967, 0.1959



48.5843, 0.4660, 0.4609



14.5514, 0.3175, 0.3115



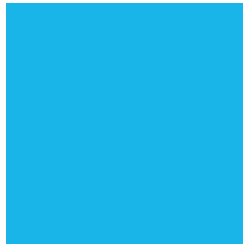
11.2604, 0.3948, 0.1948



0.8466, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 39.0806, 0.2061, 0.2558 looks on a white background.

Color Contrast Check

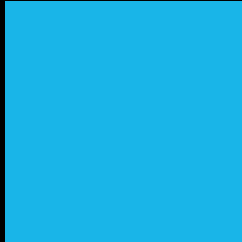
Large Text (above 18pt) WCAG AA × Fail

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 39.0806, 0.2061, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

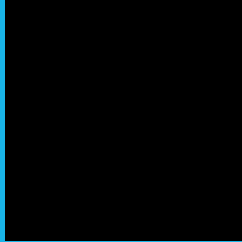
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

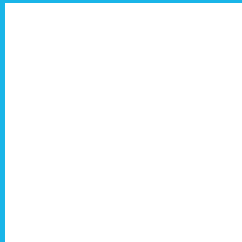
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0806, 0.2061, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 39.0806, 0.2061, 0.2558.

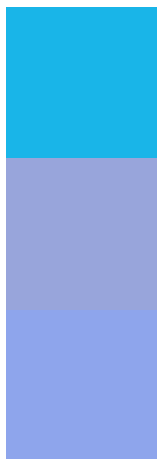


This preview shows how white text looks on a background with the Yxy color 39.0806, 0.2061, 0.2558.

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

39.0806, 0.2061, 0.2558

Protanopia

38.7001, 0.2607, 0.2575

Deuteranopia

38.7172, 0.2436, 0.2372



Tritanopia

38.8681, 0.2181, 0.3053

Trichromacy



Original Color

39.0806, 0.2061, 0.2558



Protanomaly

37.5718, 0.2302, 0.2547



Deuteranomaly

37.7766, 0.2217, 0.2413



Tritanomaly

39.0925, 0.2134, 0.2863

Monochromacy



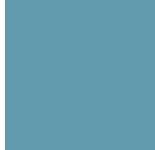
Original Color

39.0806, 0.2061, 0.2558



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

29.0565, 0.2500, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0806, 0.2061, 0.2558 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(25, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(25, 181, 232)  
}
```

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(25, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 181, 232) }
```

Border

The CSS property to change the border of an element to Yxy 39.0806, 0.2061, 0.2558 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(25, 181, 232) }
```

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

```
.border{ border-color:rgb(25, 181, 232) }
```

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

Here you see how a box with a 4 pixel rgb(25, 181, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 181, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 181, 232);  
box-shadow:4px 4px 4px 4px rgb(25, 181,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0806, 0.2061, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 181, 232) }
```

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

```
.background{ background-color: rgb(25, 181,  
232) }
```

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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