

Converting Colors

$Yxy(38.9765, 0.2194, 0.2592)$

Have a look what the booklet for
Yxy(38.9765, 0.2194, 0.2592)
contains.

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Color

Yxy(39.0491, 0.2193, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	4FB2E3
RGB	79, 178, 227
RGB Percent	31%, 70%, 89%
CMY	0.6900, 0.3020, 0.1098
CMYK	0.65, 0.22, 0.00, 0.11
HSL	200°, 73%, 60%
HSV	200°, 65%, 89%
XYZ	33.0126, 39.0491, 78.4745
YIQ	153.9850, -74.7330, -5.7490

Conversions

Conversions Part 2

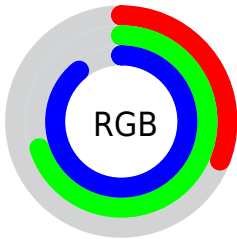
Format	Color
R _Y B	79, 138, 227
Decimal	5223139
CIE Lab	68.79, -13.99, -33.13
CIE LCh	69, 35.966, 247.102
Yxy	39.0491, 0.2193, 0.2594
Android (android.graphics.Color)	4283413219 (0xFF4FB2E3)
YUV	153.9850, 35.9964, -65.7618
Hunter-Lab	62.4893, -15.0561, -30.7144

Details

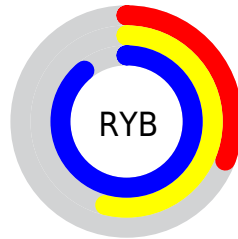
The Yxy color **39.0491, 0.2193, 0.2594** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **32.3483, 0.4821, 0.3821**, and the grayscale version is **32.1769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8164, 0.2486, 0.3045**, and **17.6075, 0.1999, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **35.3265, 0.2093, 0.2467**, and if you desaturate by 10%, it is **43.2707, 0.2311, 0.2719**.

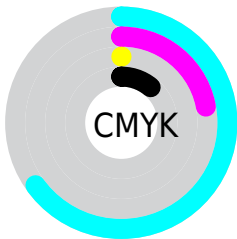
Distribution



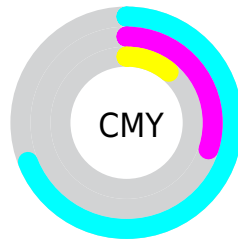
- Red (31%)
- Green (70%)
- Blue (89%)



- Red (31%)
- Yellow (54%)
- Blue (89%)



- Cyan (65%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)





- Cyan (69%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0491, 0.2193, 0.2594 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 39.0491, 0.2193, 0.2594 by changing the saturation by 10% instead.


 39.0491, 0.2193,
0.2594


 39.0491, 0.2193,
0.2594


342.0992, 0.2652,
0.2952


 26.7979, 0.2083,
0.2504


 73.7133, 0.2357,
0.2725

 17.4215, 0.1945,
0.2388


 96.8952, 0.2419,
0.2774

 10.5355, 0.1768,
0.2235


 124.4893, 0.2473,
0.2816

 5.7554, 0.1536,
0.2026

 156.8803, 0.2519,
0.2851

 2.6969, 0.1225,
0.1729

194.4523, 0.2559,
0.2882

 0.9756, 0.0777,
0.1300

237.5899, 0.2594,

 0.0000, 0.0000,

0.2908

0.0000

286.6774, 0.2625,
0.2931

■ 39.0491, 0.2193,
0.2594

■ 39.0491, 0.2193,
0.2594

■ 35.3265, 0.2093,
0.2467

■ 43.2707, 0.2311,
0.2719

■ 32.0608, 0.2014,
0.2339

■ 48.0203, 0.2443,
0.2840

■ 29.2071, 0.1955,
0.2213

■ 53.3286, 0.2587,
0.2954

■ 27.9441, 0.1932,
0.2154

■ 59.2226, 0.2738,
0.3060

■ 65.7271, 0.2892,
0.3158

■ 72.8653, 0.3047,
0.3247

■ 80.6590, 0.3201,
0.3328

■ 88.0421, 0.3311,
0.3400

■ 92.5159, 0.3302,
0.3473

Harmonies

Analogous

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



39.0491, 0.2192, 0.2947



39.0491, 0.2193, 0.2594



39.0491, 0.2414, 0.2449

Triad

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



39.0491, 0.2193, 0.2594



39.0491, 0.3868, 0.3077



39.0491, 0.3357, 0.4244

Complementary

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



39.0491, 0.2193, 0.2594



32.3483, 0.4821, 0.3821

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.



39.0491, 0.3839, 0.4190



39.0491, 0.2193, 0.2594



39.0491, 0.4162, 0.3491

Square

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



39.0491, 0.2193, 0.2594



39.0491, 0.3364, 0.2728



39.0491, 0.4144, 0.3895



39.0491, 0.2836, 0.3969

Rectangle

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



39.0491, 0.2193, 0.2594



39.0491, 0.2673, 0.2465



39.0491, 0.4144, 0.3895



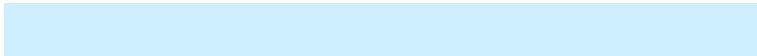
39.0491, 0.3529, 0.4261

Sweetspot

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



39.0505, 0.2193, 0.2594



81.2694, 0.2816, 0.3111



58.1096, 0.2832, 0.4776



16.8890, 0.2772, 0.3083



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.



39.0505, 0.2193, 0.2594



44.5110, 0.2065, 0.2424



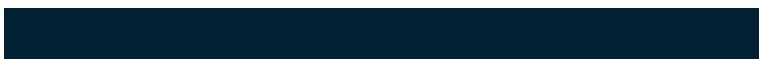
17.5531, 0.1941, 0.1530



15.4897, 0.2981, 0.3210



16.5183, 0.1937, 0.2172



1.3893, 0.1987, 0.2355

Inverse Universe

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



25.1441, 0.3783, 0.2237



27.7774, 0.3974, 0.2129



58.1500, 0.4208, 0.4555



14.5298, 0.3188, 0.3134



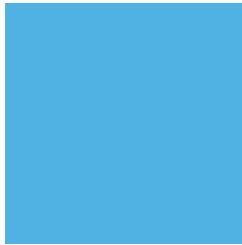
10.8652, 0.4262, 0.2122



0.8199, 0.4070, 0.2016

Previews

White Background



This preview shows how the Yxy color 39.0491, 0.2193, 0.2594 looks on a white background.

Color Contrast Check

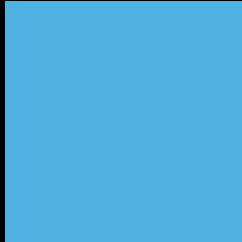
Large Text (above 18pt) WCAG AA × Fail

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 39.0491, 0.2193, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

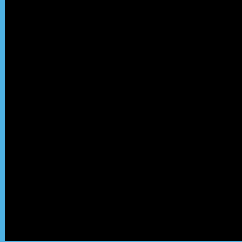
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

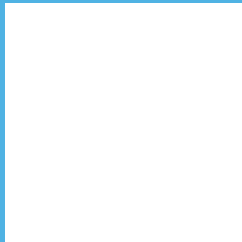
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0491, 0.2193, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 39.0491, 0.2193, 0.2594.



This preview shows how white text looks on a background with the Yxy color 39.0491, 0.2193, 0.2594.

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

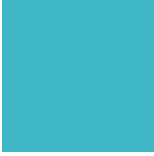
39.0491, 0.2193, 0.2594

Protanopia

38.6923, 0.2628, 0.2599

Deuteranopia

38.7344, 0.2497, 0.2443



Tritanopia

39.0010, 0.2287, 0.3057

Trichromacy



Original Color

39.0491, 0.2193, 0.2594

Protanomaly

38.4055, 0.2429, 0.2589

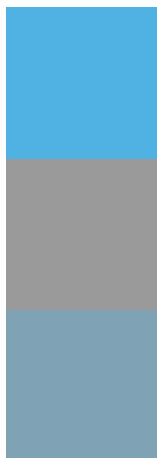
Deuteranomaly

38.5442, 0.2362, 0.2491

Tritanomaly

38.9164, 0.2248, 0.2869

Monochromacy



Original Color

39.0491, 0.2193, 0.2594

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

34.0426, 0.2673, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0491, 0.2193, 0.2594 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(79, 178, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 178, 227)  
}
```

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(79, 178, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 178, 227) }
```

Border

The CSS property to change the border of an element to Yxy 39.0491, 0.2193, 0.2594 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(79, 178, 227) }
```

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

```
.border{ border-color:rgb(79, 178, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 178, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 178, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 178, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 178,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0491, 0.2193, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 178, 227) }
```

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

```
.background{ background-color: rgb(79, 178,  
227) }
```

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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