

Converting Colors

$Yxy(39.3444, 0.2319, 0.2805)$

Have a look what the booklet for
Yxy(39.3444, 0.2319, 0.2805)
contains.

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Color

Yxy(39.3208, 0.2323, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	5DB3D4
RGB	93, 179, 212
RGB Percent	36%, 70%, 83%
CMY	0.6351, 0.2980, 0.1687
CMYK	0.56, 0.16, 0.00, 0.17
HSL	197°, 58%, 60%
HSV	197°, 56%, 83%
XYZ	32.5177, 39.3208, 68.1430
YIQ	157.0480, -61.8490, -7.9690

Conversions

Conversions Part 2

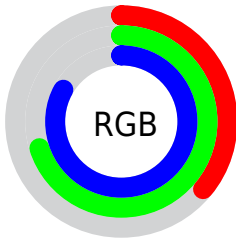
Format	Color
RYB	93, 143, 212
Decimal	6140884
CIELab	68.98, -16.60, -24.55
CIELCh	69, 29.639, 235.928
Yxy	39.3208, 0.2323, 0.2809
Android (android.graphics.Color)	4284330964 (0xFF5DB3D4)
YUV	157.0480, 27.0913, -56.1701
Hunter-Lab	62.7063, -17.1710, -20.5361

Details

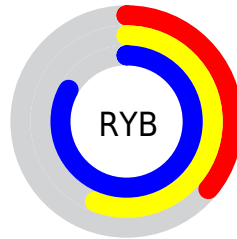
The Yxy color **39.3208, 0.2323, 0.2809** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **29.7086, 0.4547, 0.3692**, and the grayscale version is **33.6411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3121, 0.2534, 0.3060**, and **17.5155, 0.2102, 0.2657** is the 20% darker color. If you saturate the color by 10%, you get **36.0591, 0.2215, 0.2706**, and if you desaturate by 10%, it is **42.9924, 0.2447, 0.2908**.

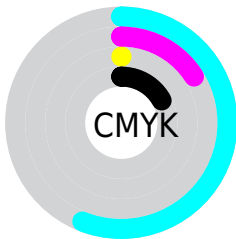
Distribution



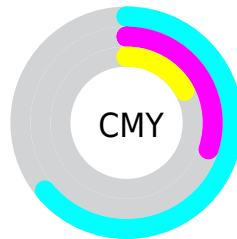
- Red (36%)
- Green (70%)
- Blue (83%)



- Red (36%)
- Yellow (56%)
- Blue (83%)



- Cyan (56%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)




- Cyan (64%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3208, 0.2323, 0.2809 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 39.3208, 0.2323, 0.2809 by changing the saturation by 10% instead.


 39.3208, 0.2323,
0.2809


 39.3208, 0.2323,
0.2809


343.2525, 0.2722,
0.3062

 27.0094, 0.2226,
0.2743


 74.1281, 0.2467,
0.2903

 17.5803, 0.2102,
0.2657


 97.3928, 0.2521,
0.2938

 10.6491, 0.1941,
0.2540


 125.0774, 0.2567,
0.2967

 5.8314, 0.1725,
0.2375

 157.5663, 0.2607,
0.2992

 2.7428, 0.1424,
0.2126

195.2438, 0.2642,
0.3013

 0.9990, 0.0939,
0.1738

238.4945, 0.2672,

 0.0000, 0.0000,

0.3031

0.0000

287.7025, 0.2698,
0.3048

■ 39.3208, 0.2323,
0.2809

■ 39.3208, 0.2323,
0.2809

■ 36.0591, 0.2215,
0.2706

■ 42.9924, 0.2447,
0.2908

■ 33.1755, 0.2125,
0.2602

■ 47.0937, 0.2584,
0.3003

■ 30.6401, 0.2055,
0.2497

■ 51.6482, 0.2729,
0.3091

■ 28.4136, 0.2004,
0.2394

■ 56.6763, 0.2880,
0.3173

■ 27.6026, 0.1987,
0.2354

■ 62.1967, 0.3033,
0.3248

■ 68.2273, 0.3187,
0.3315

■ 74.7847, 0.3337,
0.3376

■ 80.4110, 0.3428,
0.3432

■ 83.6621, 0.3419,
0.3490

Harmonies

Analogous

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



39.3208, 0.2396, 0.3163



39.3208, 0.2323, 0.2809



39.3208, 0.2443, 0.2615

Triad

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



39.3208, 0.2323, 0.2809



39.3208, 0.3596, 0.2998



39.3208, 0.3483, 0.4083

Complementary

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



39.3208, 0.2323, 0.2809



29.7086, 0.4547, 0.3692

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.



39.3208, 0.3836, 0.3967



39.3208, 0.2323, 0.2809



39.3208, 0.3914, 0.3335

Square

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



39.3208, 0.2323, 0.2809



39.3208, 0.3157, 0.2734



39.3208, 0.4001, 0.3685



39.3208, 0.3050, 0.3951

Rectangle

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



39.3208, 0.2323, 0.2809



39.3208, 0.2623, 0.2583



39.3208, 0.4001, 0.3685



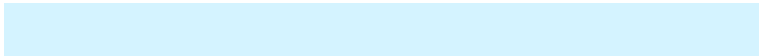
39.3208, 0.3616, 0.4069

Sweetspot

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



39.3223, 0.2323, 0.2809



85.2558, 0.2864, 0.3165



50.8762, 0.2883, 0.4622



17.9070, 0.2833, 0.3148



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.



39.3223, 0.2323, 0.2809



54.0467, 0.2199, 0.2690



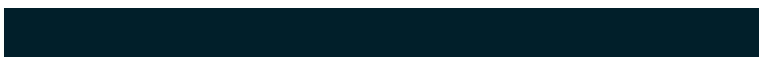
20.7059, 0.2130, 0.1900



13.4987, 0.2982, 0.3224



17.2216, 0.1991, 0.2368



1.1744, 0.2041, 0.2546

Inverse Universe

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



25.0837, 0.3573, 0.2286



32.1602, 0.3702, 0.2135



49.1566, 0.4102, 0.4355



12.5712, 0.3180, 0.3123



10.0834, 0.4055, 0.2008



0.6219, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 39.3208, 0.2323, 0.2809 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 39.3208, 0.2323, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

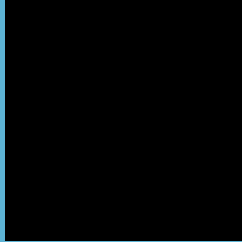
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3208, 0.2323, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 39.3208, 0.2323, 0.2809.

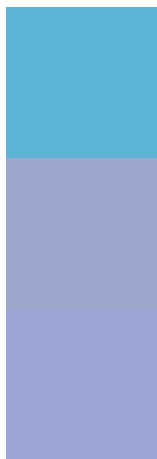


This preview shows how white text looks on a background with the Yxy color 39.3208, 0.2323, 0.2809.

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

39.3208, 0.2323, 0.2809

Protanopia

38.9552, 0.2772, 0.2790

Deuteranopia

38.7263, 0.2678, 0.2616



Tritanopia

39.4677, 0.2386, 0.3076

Trichromacy



Original Color

39.3208, 0.2323, 0.2809

Protanomaly

38.7329, 0.2579, 0.2798

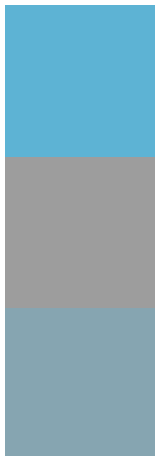
Deuteranomaly

38.2993, 0.2519, 0.2668

Tritanomaly

39.4359, 0.2361, 0.2975

Monochromacy



Original Color

39.3208, 0.2323, 0.2809

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.1529, 0.2760, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3208, 0.2323, 0.2809 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(93, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(93, 179, 212)  
}
```

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(93, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 179, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.3208, 0.2323, 0.2809 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(93, 179, 212) }
```

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

```
.border{ border-color:rgb(93, 179, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 179, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(93, 179,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3208, 0.2323, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 179, 212) }
```

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

```
.background{ background-color: rgb(93, 179,  
212) }
```

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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