

Converting Colors

$Yxy(38.8131, 0.2347, 0.2943)$

Have a look what the booklet for
Yxy(38.8131, 0.2347, 0.2943)
contains.

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Color

Yxy(39.0290, 0.2348, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	58B4CB
RGB	88, 180, 203
RGB Percent	35%, 71%, 80%
CMY	0.6552, 0.2941, 0.2040
CMYK	0.57, 0.11, 0.00, 0.20
HSL	192°, 53%, 57%
HSV	192°, 57%, 80%
XYZ	31.1172, 39.0290, 62.3801
YIQ	155.1140, -62.2150, -12.3510

Conversions

Conversions Part 2

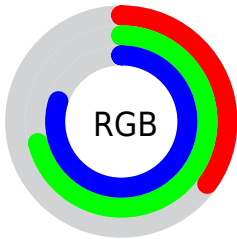
Format	Color
R _Y B	88, 139, 203
Decimal	5813451
CIE Lab	68.77, -20.79, -19.95
CIE LCh	69, 28.814, 223.817
Yxy	39.0290, 0.2348, 0.2945
Android (android.graphics.Color)	4284003531 (0xFF58B4CB)
YUV	155.1140, 23.6078, -58.8590
Hunter-Lab	62.4732, -20.4193, -15.4704

Details

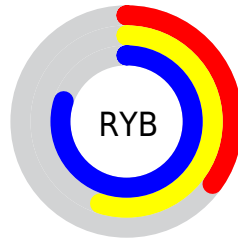
The Yxy color **39.0290, 0.2348, 0.2945** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **24.7405, 0.4639, 0.3581**, and the grayscale version is **32.7373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4139, 0.2513, 0.3070**, and **17.4067, 0.2130, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **36.5630, 0.2252, 0.2873**, and if you desaturate by 10%, it is **41.8214, 0.2461, 0.3015**.

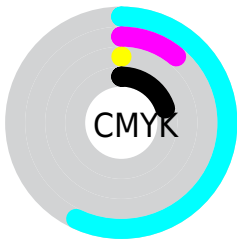
Distribution



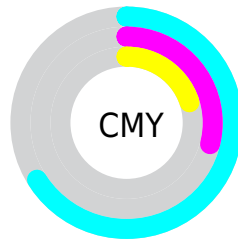
- Red (35%)
- Green (71%)
- Blue (80%)



- Red (35%)
- Yellow (55%)
- Blue (80%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)





- Cyan (66%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0290, 0.2348, 0.2945 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 39.0290, 0.2348, 0.2945 by changing the saturation by 10% instead.


 39.0290, 0.2348,
0.2945


 39.0290, 0.2348,
0.2945


342.0138, 0.2736,
0.3131


 26.7823, 0.2252,
0.2895


 73.6826, 0.2488,
0.3016

 17.4098, 0.2131,
0.2828


 96.8583, 0.2541,
0.3041

 10.5271, 0.1972,
0.2735


 124.4458, 0.2586,
0.3063

 5.7498, 0.1756,
0.2601

 156.8295, 0.2625,
0.3081

 2.6936, 0.1451,
0.2390

194.3937, 0.2658,
0.3096

 0.9739, 0.0877,
0.2056

237.5229, 0.2688,

 0.0000, 0.0000,

0.3109

0.0000

286.6014, 0.2713,
0.3121

■ 39.0290, 0.2348,
0.2945

■ 39.0290, 0.2348,
0.2945

■ 36.5630, 0.2252,
0.2873

■ 41.8214, 0.2461,
0.3015

■ 34.3949, 0.2174,
0.2801

■ 44.9570, 0.2588,
0.3081

■ 32.4986, 0.2116,
0.2728

■ 48.4565, 0.2727,
0.3144

■ 30.8375, 0.2076,
0.2656

■ 52.3376, 0.2873,
0.3203

■ 30.3168, 0.2065,
0.2632

■ 56.6166, 0.3025,
0.3257

■ 61.3090, 0.3178,
0.3306

■ 66.4291, 0.3331,
0.3350

■ 71.9908, 0.3482,
0.3389

■ 74.9271, 0.3510,
0.3429

Harmonies

Analogous

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



39.0290, 0.2496, 0.3335



39.0290, 0.2348, 0.2945



39.0290, 0.2390, 0.2688

Triad

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



39.0290, 0.2348, 0.2945



39.0290, 0.3418, 0.2889



39.0290, 0.3630, 0.4043

Complementary

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



39.0290, 0.2348, 0.2945



24.7405, 0.4639, 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.



39.0290, 0.3910, 0.3854



39.0290, 0.2348, 0.2945



39.0290, 0.3791, 0.3197

Square

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



39.0290, 0.2348, 0.2945



39.0290, 0.2983, 0.2676



39.0290, 0.3975, 0.3542



39.0290, 0.3225, 0.4016

Rectangle

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



39.0290, 0.2348, 0.2945



39.0290, 0.2520, 0.2610



39.0290, 0.3975, 0.3542



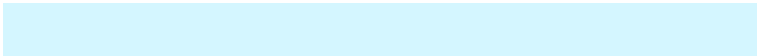
39.0290, 0.3742, 0.4000

Sweetspot

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



39.0305, 0.2348, 0.2945



87.2885, 0.2865, 0.3200



45.8777, 0.2935, 0.4786



18.3903, 0.2835, 0.3188



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.



39.0305, 0.2348, 0.2945



60.3882, 0.2233, 0.2857



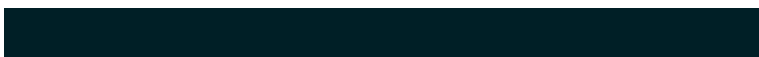
20.8861, 0.2155, 0.2042



12.3318, 0.2983, 0.3243



19.4285, 0.2067, 0.2642



1.1016, 0.2106, 0.2782

Inverse Universe

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



22.9559, 0.3461, 0.2186



32.4225, 0.3556, 0.2016



40.8677, 0.4180, 0.4258



11.3639, 0.3168, 0.3106



9.7643, 0.3783, 0.1858



0.5138, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 39.0290, 0.2348, 0.2945 looks on a white background.

Color Contrast Check

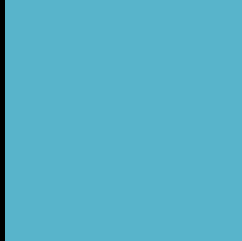
Large Text (above 18pt) WCAG AA × Fail

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 39.0290, 0.2348, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

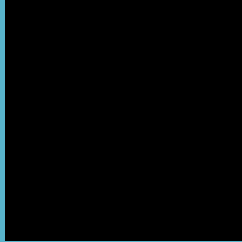
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0290, 0.2348, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 39.0290, 0.2348, 0.2945.



This preview shows how white text looks on a background with the Yxy color 39.0290, 0.2348, 0.2945.

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

39.0290, 0.2348, 0.2945

Protanopia

38.4419, 0.2871, 0.2906

Deuteranopia

38.4859, 0.2773, 0.2704



Tritanopia

38.9646, 0.2374, 0.3060

Trichromacy



Original Color

39.0290, 0.2348, 0.2945

Protanomaly

37.9316, 0.2635, 0.2902

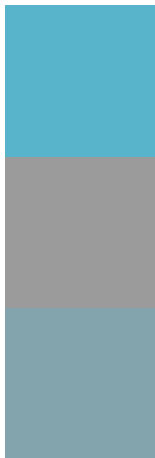
Deuteranomaly

38.0664, 0.2582, 0.2770

Tritanomaly

39.1497, 0.2363, 0.3016

Monochromacy



Original Color

39.0290, 0.2348, 0.2945

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.3548, 0.2772, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0290, 0.2348, 0.2945 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(88, 180, 203)` looks like.

```
.text, #text, p{  
    color:rgb(88, 180, 203)  
}
```

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(88, 180, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 180, 203) }
```

Border

The CSS property to change the border of an element to Yxy 39.0290, 0.2348, 0.2945 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(88, 180, 203) }
```

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

```
.border{ border-color:rgb(88, 180, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 180, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 180, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 180, 203);  
box-shadow:4px 4px 4px 4px rgb(88, 180,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0290, 0.2348, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 180, 203) }
```

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

```
.background{ background-color: rgb(88, 180,  
203) }
```

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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