

Converting Colors

$Yxy(38.9623, 0.2419, 0.3061)$

Have a look what the booklet for
Yxy(38.9623, 0.2419, 0.3061)
contains.

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Color

Yxy(38.9623, 0.2419, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	5EB4C3
RGB	94, 180, 195
RGB Percent	37%, 71%, 76%
CMY	0.6313, 0.2941, 0.2353
CMYK	0.52, 0.08, 0.00, 0.24
HSL	189°, 46%, 57%
HSV	189°, 52%, 76%
XYZ	30.7905, 38.9623, 57.5334
YIQ	155.9960, -56.0710, -13.5670

Conversions

Conversions Part 2

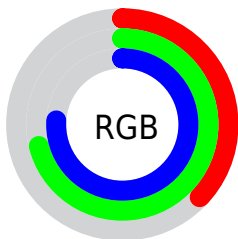
Format	Color
RYB	94, 140, 195
Decimal	6206659
CIELab	68.72, -21.79, -15.61
CIElCh	69, 26.809, 215.621
Yxy	38.9623, 0.2419, 0.3061
Android (android.graphics.Color)	4284396739 (0xFF5EB4C3)
YUV	155.9960, 19.2290, -54.3705
Hunter-Lab	62.4198, -21.1839, -10.9547

Details

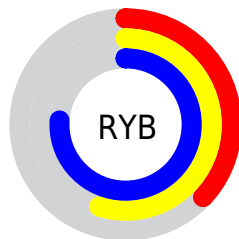
The Yxy color **38.9623, 0.2419, 0.3061** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **23.3588, 0.4486, 0.3492**, and the grayscale version is **33.1792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5985, 0.2545, 0.3105**, and **17.3630, 0.2220, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **36.9010, 0.2321, 0.3009**, and if you desaturate by 10%, it is **41.3115, 0.2533, 0.3111**.

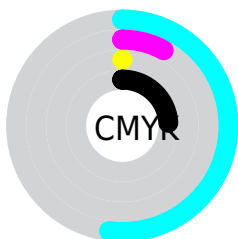
Distribution



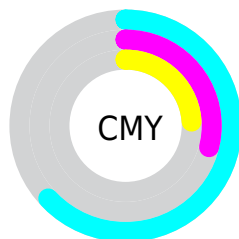
- Red (37%)
- Green (71%)
- Blue (76%)



- Red (37%)
- Yellow (55%)
- Blue (76%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)




- Cyan (63%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9623, 0.2419, 0.3061 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 38.9623, 0.2419, 0.3061 by changing the saturation by 10% instead.


 38.9623, 0.2419,
0.3061


 38.9623, 0.2419,
0.3061


341.7302, 0.2774,
0.3187


 26.7304, 0.2331,
0.3026


 73.5807, 0.2548,
0.3110

 17.3708, 0.2218,
0.2978


 96.7360, 0.2596,
0.3127

 10.4993, 0.2069,
0.2912


 124.3013, 0.2637,
0.3142

 5.7312, 0.1865,
0.2812

 156.6608, 0.2672,
0.3154

 2.6823, 0.1570,
0.2649

194.1991, 0.2703,
0.3164

 0.9682, 0.0955,
0.2395

237.3005, 0.2730,

 0.0000, 0.0000,

0.3173

0.0000

286.3494, 0.2753,
0.3181

■ 38.9623, 0.2419,
0.3061

■ 38.9623, 0.2419,
0.3061

■ 36.9010, 0.2321,
0.3009

■ 41.3115, 0.2533,
0.3111

■ 35.1031, 0.2241,
0.2957

■ 43.9621, 0.2662,
0.3159

■ 33.5468, 0.2180,
0.2904

■ 46.9322, 0.2801,
0.3204

■ 32.2047, 0.2138,
0.2852

■ 50.2370, 0.2948,
0.3245

■ 31.2199, 0.2114,
0.2809

■ 53.8907, 0.3100,
0.3284

■ 57.9066, 0.3254,
0.3318

■ 62.2973, 0.3408,
0.3349

■ 67.0747, 0.3559,
0.3377

■ 69.3873, 0.3592,
0.3406

Harmonies

Analogous

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



38.9623, 0.2605, 0.3442



38.9623, 0.2419, 0.3061



38.9623, 0.2409, 0.2779

Triad

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



38.9623, 0.2419, 0.3061



38.9623, 0.3289, 0.2849



38.9623, 0.3684, 0.3961

Complementary

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



38.9623, 0.2419, 0.3061



23.3588, 0.4486, 0.3492

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.



38.9623, 0.3896, 0.3747



38.9623, 0.2419, 0.3061



38.9623, 0.3664, 0.3120

Square

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



38.9623, 0.2419, 0.3061



38.9623, 0.2889, 0.2681



38.9623, 0.3891, 0.3440



38.9623, 0.3329, 0.3993

Rectangle

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



38.9623, 0.2419, 0.3061



38.9623, 0.2501, 0.2676



38.9623, 0.3891, 0.3440



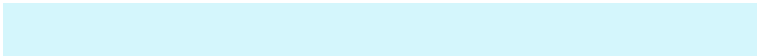
38.9623, 0.3775, 0.3906

Sweetspot

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



38.9638, 0.2419, 0.3061



87.2450, 0.2881, 0.3227



42.4885, 0.2975, 0.4714



18.8351, 0.2851, 0.3218



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.



38.9638, 0.2419, 0.3061



65.6783, 0.2310, 0.3003



22.5698, 0.2260, 0.2258



11.1650, 0.2984, 0.3255



20.3858, 0.2116, 0.2816



0.9517, 0.2148, 0.2932

Inverse Universe

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



22.9096, 0.3360, 0.2215



34.7999, 0.3423, 0.2031



36.8609, 0.4112, 0.4124



10.2209, 0.3160, 0.3096



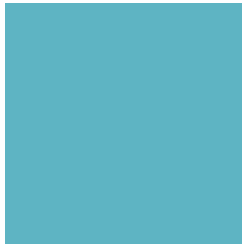
9.3402, 0.3620, 0.1768



0.4107, 0.3514, 0.1710

Previews

White Background



This preview shows how the Yxy color 38.9623, 0.2419, 0.3061 looks on a white background.

Color Contrast Check

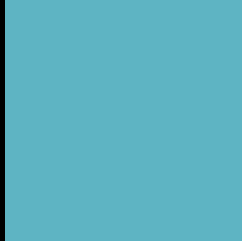
Large Text (above 18pt) WCAG AA × Fail

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 38.9623, 0.2419, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

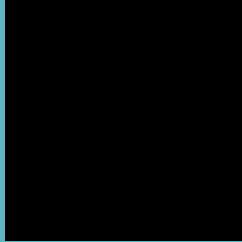
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9623, 0.2419, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 38.9623, 0.2419, 0.3061.

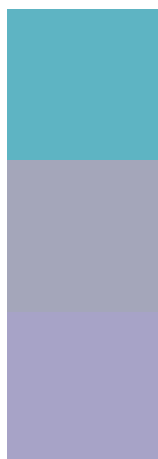


This preview shows how white text looks on a background with the Yxy color 38.9623, 0.2419, 0.3061.

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

38.9623, 0.2419, 0.3061

Protanopia

38.7101, 0.2943, 0.3014

Deuteranopia

38.5334, 0.2866, 0.2807



Tritanopia

38.9623, 0.2419, 0.3061

Trichromacy



Original Color

38.9623, 0.2419, 0.3061

Protanomaly

38.2889, 0.2721, 0.3029

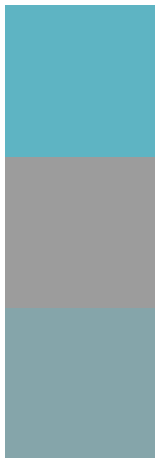
Deuteranomaly

38.0286, 0.2664, 0.2878

Tritanomaly

38.9623, 0.2419, 0.3061

Monochromacy



Original Color

38.9623, 0.2419, 0.3061

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.7991, 0.2805, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9623, 0.2419, 0.3061 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(94, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(94, 180, 195)  
}
```

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(94, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 180, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.9623, 0.2419, 0.3061 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(94, 180, 195) }
```

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

```
.border{ border-color:rgb(94, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(94, 180,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9623, 0.2419, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 180, 195) }
```

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

```
.background{ background-color: rgb(94, 180,  
195) }
```

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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