

Converting Colors

$Yxy(39.3444, 0.2139, 0.2476)$

Have a look what the booklet for
Yxy(39.3444, 0.2139, 0.2476)
contains.

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Color

Yxy(39.4511, 0.2138, 0.2473)

Conversions

Conversions Part 1

Format	Color
Hex	4BB2ED
RGB	75, 178, 237
RGB Percent	29%, 70%, 93%
CMY	0.7062, 0.3019, 0.0704
CMYK	0.68, 0.25, 0.00, 0.07
HSL	202°, 82%, 61%
HSV	202°, 68%, 93%
XYZ	34.1069, 39.4511, 85.9693
YIQ	153.9290, -80.3270, -3.4870

Conversions

Conversions Part 2

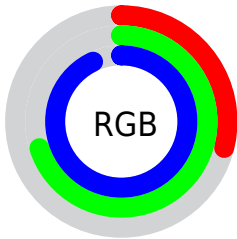
Format	Color
RYB	75, 138, 237
Decimal	4961005
CIELab	69.08, -11.40, -38.17
CIELCh	69, 39.835, 253.367
Yxy	39.4511, 0.2138, 0.2473
Android (android.graphics.Color)	4283151085 (0xFF4BB2ED)
YUV	153.9290, 40.9540, -69.2207
Hunter-Lab	62.8101, -12.9892, -37.1841

Details

The Yxy color **39.4511, 0.2138, 0.2473** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **35.5527, 0.4892, 0.3889**, and the grayscale version is **32.1166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6411, 0.2477, 0.3045**, and **18.0034, 0.1958, 0.2249** is the 20% darker color. If you saturate the color by 10%, you get **35.3419, 0.2040, 0.2331**, and if you desaturate by 10%, it is **44.1348, 0.2255, 0.2613**.

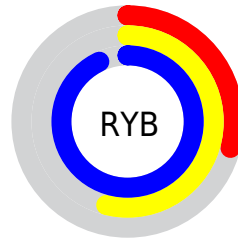
Distribution



Red (29%)

Green (70%)

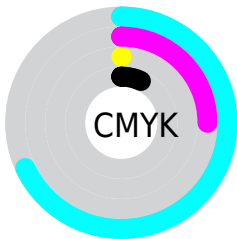
Blue (93%)



Red (29%)

Yellow (54%)

Blue (93%)

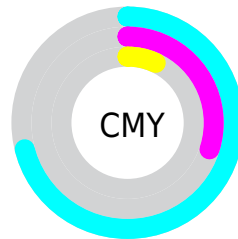


Cyan (68%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (30%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4511, 0.2138, 0.2473 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 39.4511, 0.2138, 0.2473 by changing the saturation by 10% instead.

■ 39.4511, 0.2138,
0.2473

■ 39.4511, 0.2138,
0.2473

343.8046, 0.2621,
0.2887

■ 27.1108, 0.2024,
0.2371

■ 74.3269, 0.2309,
0.2623

■ 17.6565, 0.1882,
0.2242

■ 97.6313, 0.2375,
0.2679

■ 10.7036, 0.1701,
0.2075

■ 125.3592, 0.2431,
0.2727

■ 5.8679, 0.1467,
0.1851

■ 157.8949, 0.2480,
0.2768

■ 2.7649, 0.1160,
0.1544

195.6229, 0.2522,
0.2804

■ 1.0103, 0.0750,
0.1119

238.9276, 0.2559,

■ 0.0000, 0.0000,

0.2835

0.0000

288.1934, 0.2592,
0.2862

■ 39.4511, 0.2138,
0.2473

■ 39.4511, 0.2138,
0.2473

■ 35.3419, 0.2040,
0.2331

■ 44.1348, 0.2255,
0.2613

■ 31.7574, 0.1963,
0.2190

■ 49.4283, 0.2388,
0.2749

■ 28.6348, 0.1906,
0.2053

■ 55.3677, 0.2533,
0.2878

■ 28.1640, 0.1898,
0.2031

■ 61.9849, 0.2685,
0.2999

■ 69.3090, 0.2841,
0.3111

■ 77.3671, 0.2997,
0.3212

■ 86.1849, 0.3152,
0.3304

■ 93.9318, 0.3239,
0.3387

■ 98.8969, 0.3232,
0.3463

Harmonies

Analogous

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



39.4511, 0.2085, 0.2808



39.4511, 0.2138, 0.2473



39.4511, 0.2424, 0.2367

Triad

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



39.4511, 0.2138, 0.2473



39.4511, 0.4039, 0.3144



39.4511, 0.3252, 0.4318

Complementary

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



39.4511, 0.2138, 0.2473



35.5527, 0.4892, 0.3889

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.



39.4511, 0.3805, 0.4321



39.4511, 0.2138, 0.2473



39.4511, 0.4294, 0.3597

Square

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



39.4511, 0.2138, 0.2473



39.4511, 0.3512, 0.2746



39.4511, 0.4197, 0.4028



39.4511, 0.2693, 0.3941

Rectangle

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



39.4511, 0.2138, 0.2473



39.4511, 0.2731, 0.2415



39.4511, 0.4197, 0.4028



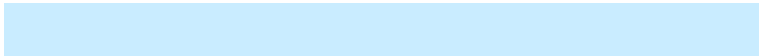
39.4511, 0.3445, 0.4360

Sweetspot

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



39.4525, 0.2138, 0.2473



79.4044, 0.2799, 0.3082



63.7412, 0.2804, 0.4788



16.4782, 0.2755, 0.3051



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.



39.4525, 0.2138, 0.2473



39.9843, 0.2007, 0.2276



16.5758, 0.1867, 0.1365



16.1460, 0.2981, 0.3202



15.6288, 0.1904, 0.2053



1.4092, 0.1957, 0.2244

Inverse Universe

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



26.2459, 0.3904, 0.2252



26.4554, 0.4132, 0.2172



65.9671, 0.4217, 0.4642



15.2153, 0.3194, 0.3141



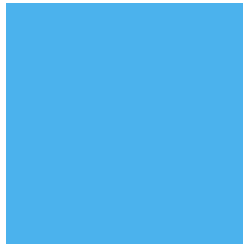
11.0705, 0.4393, 0.2194



0.8877, 0.4186, 0.2079

Previews

White Background



This preview shows how the Yxy color 39.4511, 0.2138, 0.2473 looks on a white background.

Color Contrast Check

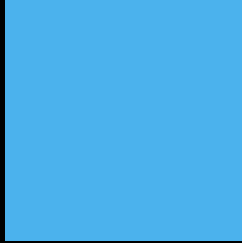
Large Text (above 18pt) WCAG AA × Fail

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 39.4511, 0.2138, 0.2473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

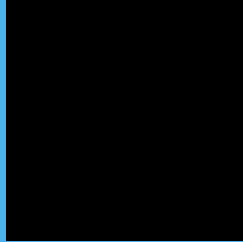
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

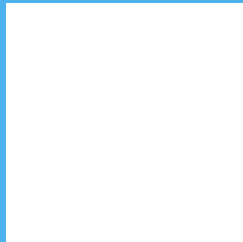
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4511, 0.2138, 0.2473

Background



This preview shows how black text looks on a background with the Yxy color 39.4511, 0.2138, 0.2473.



This preview shows how white text looks on a background with the Yxy color 39.4511, 0.2138, 0.2473.

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

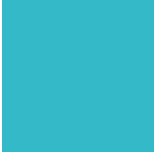
39.4511, 0.2138, 0.2473

Protanopia

38.9403, 0.2542, 0.2481

Deuteranopia

39.1392, 0.2403, 0.2341



Tritanopia

39.5719, 0.2251, 0.3057

Trichromacy



Original Color

39.4511, 0.2138, 0.2473

Protanomaly

38.7299, 0.2357, 0.2470

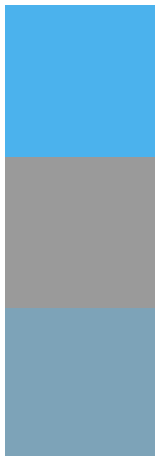
Deuteranomaly

38.6944, 0.2279, 0.2374

Tritanomaly

39.2207, 0.2206, 0.2827

Monochromacy



Original Color

39.4511, 0.2138, 0.2473

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

34.0151, 0.2637, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4511, 0.2138, 0.2473 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(75, 178, 237)` looks like.

```
.text, #text, p{  
    color:rgb(75, 178, 237)  
}
```

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(75, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 178, 237) }
```

Border

The CSS property to change the border of an element to Yxy 39.4511, 0.2138, 0.2473 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(75, 178, 237) }
```

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

```
.border{ border-color:rgb(75, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 178, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 178, 237);  
box-shadow:4px 4px 4px 4px rgb(75, 178,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4511, 0.2138, 0.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 178, 237) }
```

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

```
.background{ background-color: rgb(75, 178,  
237) }
```

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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