

Converting Colors

$Yxy(39.1389, 0.2108, 0.2447)$

Have a look what the booklet for
Yxy(39.1389, 0.2108, 0.2447)
contains.

Yxy(39.2661, 0.2106, 0.2446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.2661, 0.2106, 0.2446)

Conversions

Conversions Part 1

Format	Color
Hex	43B2EF
RGB	67, 178, 239
RGB Percent	26%, 70%, 94%
CMY	0.7377, 0.3019, 0.0627
CMYK	0.72, 0.26, 0.00, 0.06
HSL	201°, 84%, 60%
HSV	201°, 72%, 94%
XYZ	33.8080, 39.2661, 87.4578
YIQ	151.7650, -85.7370, -4.5610

Conversions

Conversions Part 2

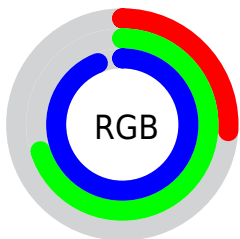
Format	Color
R _{YB}	67, 134, 239
Decimal	4436719
CIE Lab	68.94, -11.87, -39.46
CIE LCh	69, 41.205, 253.258
Yxy	39.2661, 0.2106, 0.2446
Android (android.graphics.Color)	4282626799 (0xFF43B2EF)
YUV	151.7650, 43.0069, -74.3389
Hunter-Lab	62.6627, -13.3546, -38.8867

Details

The Yxy color **39.2661, 0.2106, 0.2446** 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 **34.1562, 0.5034, 0.3881**, and the grayscale version is **31.1186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2165, 0.2456, 0.3043**, and **18.0861, 0.1950, 0.2221** is the 20% darker color. If you saturate the color by 10%, you get **35.3248, 0.2017, 0.2308**, and if you desaturate by 10%, it is **43.7662, 0.2215, 0.2583**.

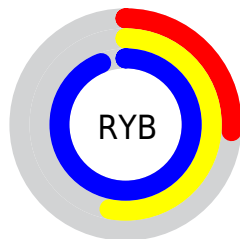
Distribution



Red (26%)

Green (70%)

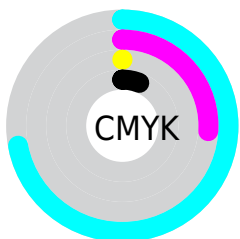
Blue (94%)



Red (26%)

Yellow (53%)

Blue (94%)

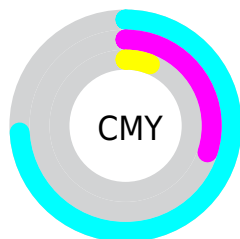


Cyan (72%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (30%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2661, 0.2106, 0.2446 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 39.2661, 0.2106, 0.2446 by changing the saturation by 10% instead.

■ 39.2661, 0.2106,
0.2446

■ 39.2661, 0.2106,
0.2446

■ 343.0205, 0.2604,
0.2873

■ 26.9668, 0.1989,
0.2341

■ 74.0447, 0.2282,
0.2600

■ 17.5483, 0.1843,
0.2209

■ 97.2927, 0.2350,
0.2659

■ 10.6262, 0.1659,
0.2037

■ 124.9591, 0.2408,
0.2708

■ 5.8161, 0.1422,
0.1809

■ 157.4283, 0.2458,
0.2751

■ 2.7336, 0.1113,
0.1497

■ 195.0846, 0.2501,
0.2787

■ 0.9943, 0.0702,
0.1072

■ 238.3125, 0.2539,

■ 0.0000, 0.0000,

0.2819

0.0000

287.4963, 0.2573,
0.2848

■ 39.2661, 0.2106,
0.2446

■ 39.2661, 0.2106,
0.2446

■ 35.3248, 0.2017,
0.2308

■ 43.7662, 0.2215,
0.2583

■ 31.8885, 0.1949,
0.2172

■ 48.8628, 0.2342,
0.2717

■ 29.4492, 0.1907,
0.2066

■ 54.5942, 0.2481,
0.2845

■ 60.9933, 0.2630,
0.2966

■ 68.0906, 0.2784,
0.3077

75.9142, 0.2941,
0.3180

84.4905, 0.3096,
0.3272

93.2565, 0.3228,
0.3356

98.5192, 0.3221,
0.3437

Harmonies

Analogous

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



39.2661, 0.2052, 0.2791



39.2661, 0.2106, 0.2446



39.2661, 0.2399, 0.2338

Triad

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



39.2661, 0.2106, 0.2446



39.2661, 0.4070, 0.3135



39.2661, 0.3256, 0.4358

Complementary

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



39.2661, 0.2106, 0.2446



34.1562, 0.5034, 0.3881

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.



39.2661, 0.3828, 0.4356



39.2661, 0.2106, 0.2446



39.2661, 0.4336, 0.3602

Square

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



39.2661, 0.2106, 0.2446



39.2661, 0.3523, 0.2727



39.2661, 0.4234, 0.4048



39.2661, 0.2679, 0.3968

Rectangle

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



39.2661, 0.2106, 0.2446



39.2661, 0.2715, 0.2387



39.2661, 0.4234, 0.4048



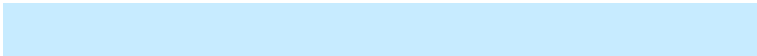
39.2661, 0.3456, 0.4401

Sweetspot

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



39.2675, 0.2106, 0.2446



78.8358, 0.2784, 0.3077



64.4572, 0.2802, 0.4880



16.3779, 0.2741, 0.3047



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.



39.2675, 0.2106, 0.2446



39.1528, 0.1985, 0.2250



15.1958, 0.1808, 0.1262



16.9317, 0.2980, 0.3204



16.5306, 0.1913, 0.2087



1.5618, 0.1962, 0.2263

Inverse Universe

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



25.5650, 0.3939, 0.2207



25.6900, 0.4166, 0.2148



66.4341, 0.4263, 0.4685



15.9308, 0.3192, 0.3139



11.4621, 0.4355, 0.2173



0.9724, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 39.2661, 0.2106, 0.2446 looks on a white background.

Color Contrast Check

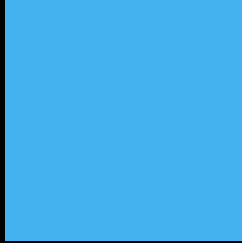
Large Text (above 18pt) WCAG AA × Fail

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 39.2661, 0.2106, 0.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

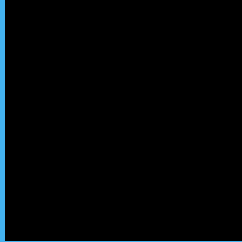
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

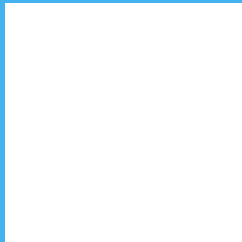
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2661, 0.2106, 0.2446

Background



This preview shows how black text looks on a background with the Yxy color 39.2661, 0.2106, 0.2446.



This preview shows how white text looks on a background with the Yxy color 39.2661, 0.2106, 0.2446.

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

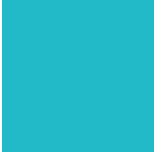
39.2661, 0.2106, 0.2446

Protanopia

38.8633, 0.2516, 0.2457

Deuteranopia

39.0016, 0.2374, 0.2316



Tritanopia

39.2081, 0.2215, 0.3055

Trichromacy



Original Color

39.2661, 0.2106, 0.2446

Protanomaly

38.4842, 0.2319, 0.2441

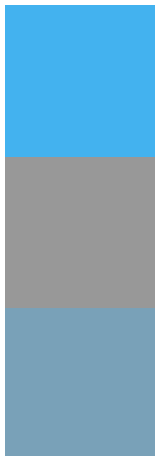
Deuteranomaly

38.4798, 0.2244, 0.2346

Tritanomaly

38.8918, 0.2167, 0.2810

Monochromacy



Original Color

39.2661, 0.2106, 0.2446

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

33.0154, 0.2603, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2661, 0.2106, 0.2446 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(67, 178, 239)` looks like.

```
.text, #text, p{  
    color:rgb(67, 178, 239)  
}
```

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(67, 178, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 178, 239) }
```

Border

The CSS property to change the border of an element to Yxy 39.2661, 0.2106, 0.2446 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(67, 178, 239) }
```

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

```
.border{ border-color:rgb(67, 178, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 178, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 178, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 178, 239);  
box-shadow:4px 4px 4px 4px rgb(67, 178,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2661, 0.2106, 0.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 178, 239) }
```

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

```
.background{ background-color: rgb(67, 178,  
239) }
```

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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