

Converting Colors

Yxy(51.3698, 0.2416, 0.2668)

Have a look what the booklet for
Yxy(51.3698, 0.2416, 0.2668)
contains.

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Color

Yxy(51.3679, 0.2416, 0.2668)

Conversions

Conversions Part 1

Format	Color
Hex	88C4F6
RGB	136, 196, 246
RGB Percent	53%, 77%, 96%
CMY	0.4670, 0.2313, 0.0353
CMYK	0.45, 0.20, 0.00, 0.04
HSL	207°, 86%, 75%
HSV	207°, 45%, 96%
XYZ	46.5161, 51.3679, 94.6494
YIQ	183.7600, -51.8100, 2.8300

Conversions

Conversions Part 2

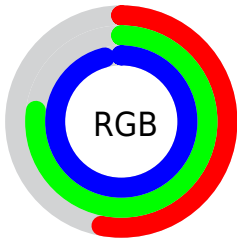
Format	Color
R _Y B	136, 175, 246
Decimal	8963318
CIE Lab	76.90, -6.41, -30.70
CIE LCh	77, 31.363, 258.205
Yxy	51.3679, 0.2416, 0.2668
Android (android.graphics.Color)	4287153398 (0xFF88C4F6)
YUV	183.7600, 30.6843, -41.8855
Hunter-Lab	71.6714, -9.5752, -28.1285

Details

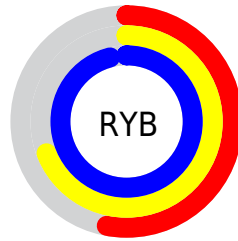
The Yxy color **51.3679, 0.2416, 0.2668** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4379, 0.4069, 0.3829**, and the grayscale version is **47.6336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8080, 0.2766, 0.3268**, and **24.7260, 0.2236, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **44.6900, 0.2266, 0.2498**, and if you desaturate by 10%, it is **58.8972, 0.2574, 0.2829**.

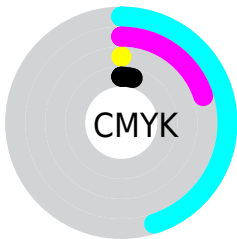
Distribution



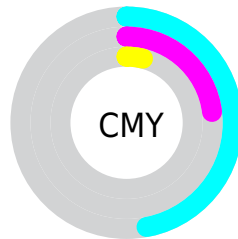
- Red (53%)
- Green (77%)
- Blue (96%)



- Red (53%)
- Yellow (69%)
- Blue (96%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3679, 0.2416, 0.2668 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 51.3679, 0.2416, 0.2668 by changing the saturation by 10% instead.

■ 51.3679, 0.2416,
0.2668

■ 51.3679, 0.2416,
0.2668

■ 391.9915, 0.2755,
0.2971

■ 36.5015, 0.2337,
0.2596

■ 92.1984, 0.2535,
0.2776

■ 24.8217, 0.2239,
0.2506

■ 118.9312, 0.2581,
0.2817

■ 15.9443, 0.2114,
0.2390

■ 150.3883, 0.2620,
0.2852

■ 9.4847, 0.1951,
0.2236

■ 186.9540, 0.2655,
0.2882

■ 5.0587, 0.1731,
0.2024

■ 229.0128, 0.2685,
0.2908

■ 2.2817, 0.1423,
0.1720

■ 276.9491, 0.2711,

■ 0.7640, 0.0943,

0.2932

0.1265

331.1472, 0.2734,
0.2952

0.0000, 0.0000,
0.0000

51.3679, 0.2416,
0.2668

51.3679, 0.2416,
0.2668

44.6900, 0.2266,
0.2498

58.8972, 0.2574,
0.2829

38.8169, 0.2130,
0.2321

67.3096, 0.2735,
0.2977

33.7050, 0.2011,
0.2142

76.6419, 0.2896,
0.3114

29.3027, 0.1913,
0.1964

86.9269, 0.3054,
0.3236

25.5482, 0.1839,
0.1793

97.4463, 0.3181,
0.3346

■ 23.7928, 0.1807,
0.1706

■ 99.4337, 0.3179,
0.3376

Harmonies

Analogous

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



51.3679, 0.2347, 0.2900



51.3679, 0.2416, 0.2668



51.3679, 0.2662, 0.2605

Triad

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



51.3679, 0.2416, 0.2668



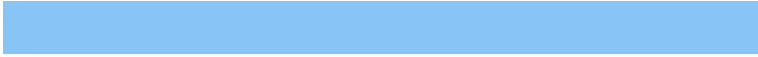
51.3679, 0.3828, 0.3247



51.3679, 0.3162, 0.3985

Complementary

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



51.3679, 0.2416, 0.2668



56.4379, 0.4069, 0.3829

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.



51.3679, 0.3573, 0.4049



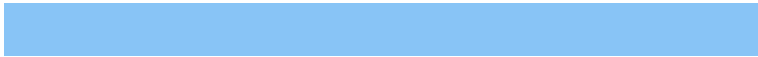
51.3679, 0.2416, 0.2668



51.3679, 0.3975, 0.3590

Square

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



51.3679, 0.2416, 0.2668



51.3679, 0.3478, 0.2932



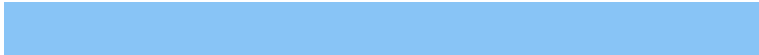
51.3679, 0.3876, 0.3888



51.3679, 0.2759, 0.3688

Rectangle

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



51.3679, 0.2416, 0.2668



51.3679, 0.2907, 0.2654



51.3679, 0.3876, 0.3888



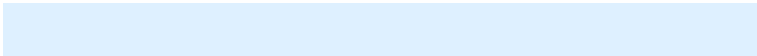
51.3679, 0.3304, 0.4035

Sweetspot

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



51.3698, 0.2416, 0.2668



85.0171, 0.2924, 0.3136



74.6588, 0.2815, 0.4049



17.6906, 0.2889, 0.3107



0.0000, 0.0000, 0.0000



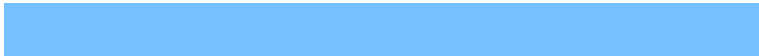
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.3698, 0.2416, 0.2668



48.9365, 0.2276, 0.2509



31.0529, 0.2291, 0.1957



17.4265, 0.2980, 0.3180



12.9842, 0.1815, 0.1733



1.3465, 0.1873, 0.1944

Inverse Universe

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



41.1621, 0.3659, 0.2654



37.8800, 0.3826, 0.2533



83.9786, 0.3815, 0.4344



16.6339, 0.3208, 0.3161



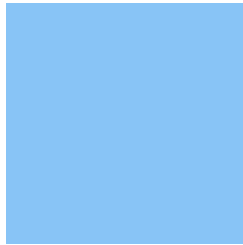
11.4101, 0.4766, 0.2399



1.0236, 0.4516, 0.2262

Previews

White Background



This preview shows how the Yxy color 51.3679, 0.2416, 0.2668 looks on a white background.

Color Contrast Check

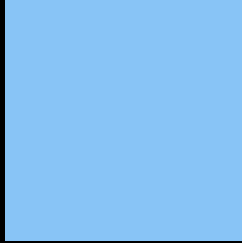
Large Text (above 18pt) WCAG AA × Fail

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 51.3679, 0.2416, 0.2668 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

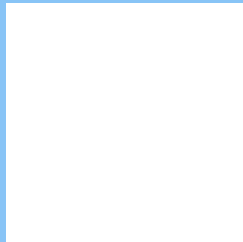
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3679, 0.2416, 0.2668

Background



This preview shows how black text looks on a background with the Yxy color 51.3679, 0.2416, 0.2668.



This preview shows how white text looks on a background with the Yxy color 51.3679, 0.2416, 0.2668.

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

51.3679, 0.2416, 0.2668

Protanopia

51.0620, 0.2677, 0.2659

Deuteranopia

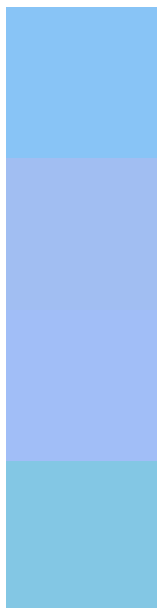
51.0091, 0.2621, 0.2562



Tritanopia

51.3722, 0.2533, 0.3076

Trichromacy



Original Color

51.3679, 0.2416, 0.2668

Protanomaly

50.8148, 0.2570, 0.2658

Deuteranomaly

51.1194, 0.2543, 0.2605

Tritanomaly

51.2736, 0.2487, 0.2912

Monochromacy



Original Color

51.3679, 0.2416, 0.2668

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6869, 0.2825, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3679, 0.2416, 0.2668 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(136, 196, 246)` looks like.

```
.text, #text, p{  
    color:rgb(136, 196, 246)  
}
```

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(136, 196, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 196, 246) }
```

Border

The CSS property to change the border of an element to Yxy 51.3679, 0.2416, 0.2668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

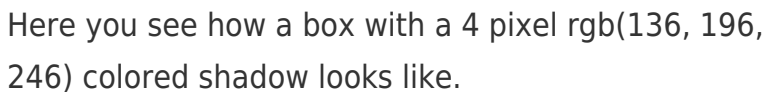
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 196, 246) }
```

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

```
.border{ border-color:rgb(136, 196, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 196, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 196, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 196, 246); box-shadow:4px 4px 4px 4px rgb(136, 196, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3679, 0.2416, 0.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 196, 246) }
```

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

```
.background{ background-color: rgb(136,  
196, 246) }
```

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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