

Converting Colors

$Yxy(66.0713, 0.2584, 0.2927)$

Have a look what the booklet for
Yxy(66.0713, 0.2584, 0.2927)
contains.

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Color

Yxy(66.0439, 0.2588, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	A4DCFB
RGB	164, 220, 251
RGB Percent	64%, 86%, 98%
CMY	0.3570, 0.1372, 0.0155
CMYK	0.35, 0.12, 0.00, 0.02
HSL	201°, 92%, 81%
HSV	201°, 35%, 98%
XYZ	58.3151, 66.0439, 100.9699
YIQ	206.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

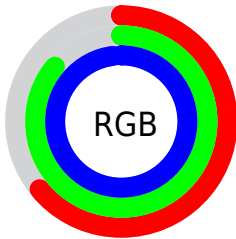
Format	Color
RYB	164, 198, 251
Decimal	10804475
CIELab	85.02, -10.56, -20.86
CIElCh	85, 23.383, 243.151
Yxy	66.0439, 0.2588, 0.2931
Android (android.graphics.Color)	4288994555 (0xFFA4DCFB)
YUV	206.7900, 21.7955, -37.5268
Hunter-Lab	81.2674, -14.1315, -16.7771

Details

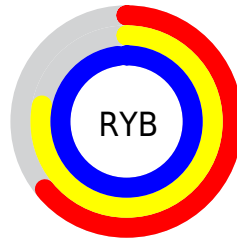
The Yxy color **66.0439, 0.2588, 0.2931** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2264, 0.3841, 0.3620**, and the grayscale version is **62.1316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **34.0565, 0.2466, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **59.0629, 0.2441, 0.2807**, and if you desaturate by 10%, it is **73.8085, 0.2742, 0.3046**.

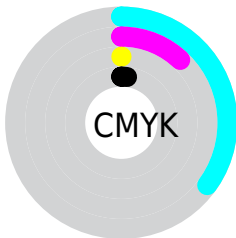
Distribution



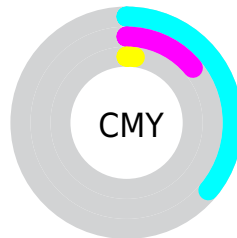
- Red (64%)
- Green (86%)
- Blue (98%)



- Red (64%)
- Yellow (78%)
- Blue (98%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0439, 0.2588, 0.2931 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 66.0439, 0.2588, 0.2931 by changing the saturation by 10% instead.

66.0439, 0.2588,
0.2931

66.0439, 0.2588,
0.2931

446.5339, 0.2837,
0.3102

48.3080, 0.2532,
0.2891

113.5493, 0.2674,
0.2991

34.0709, 0.2463,
0.2841

144.0877, 0.2707,
0.3014

22.9481, 0.2376,
0.2777

179.6624, 0.2736,
0.3034

14.5552, 0.2263,
0.2692

220.6577, 0.2762,
0.3052

8.5078, 0.2112,
0.2576

267.4581, 0.2784,
0.3067

4.4216, 0.1902,
0.2407

320.4481, 0.2803,

1.9121, 0.1591,

0.3080

0.2143

380.0118, 0.2821,
0.3092

0.5556, 0.0804,
0.1654

0.0000, 0.0000,
0.0000

66.0439, 0.2588,
0.2931

66.0439, 0.2588,
0.2931

59.0629, 0.2441,
0.2807

73.8085, 0.2742,
0.3046

52.8226, 0.2304,
0.2676

82.3815, 0.2898,
0.3152

47.2874, 0.2181,
0.2540

91.7955, 0.3055,
0.3248

42.4141, 0.2077,
0.2401

99.7473, 0.3150,
0.3328

■ 38.1536, 0.1993,
0.2262

■ 34.4459, 0.1931,
0.2126

■ 32.6553, 0.1904,
0.2055

Harmonies

Analogous

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



66.0439, 0.2608, 0.3150



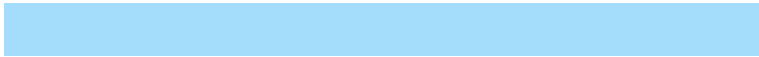
66.0439, 0.2588, 0.2931



66.0439, 0.2703, 0.2819

Triad

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



66.0439, 0.2588, 0.2931



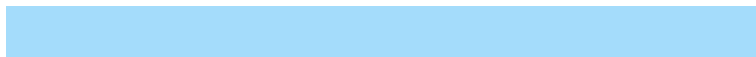
66.0439, 0.3500, 0.3148



66.0439, 0.3304, 0.3801

Complementary

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



66.0439, 0.2588, 0.2931



62.2264, 0.3841, 0.3620

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.



66.0439, 0.3556, 0.3775



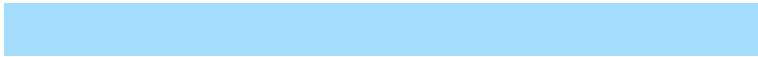
66.0439, 0.2588, 0.2931



66.0439, 0.3675, 0.3389

Square

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



66.0439, 0.2588, 0.2931



66.0439, 0.3224, 0.2947



66.0439, 0.3695, 0.3618



66.0439, 0.3013, 0.3673

Rectangle

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



66.0439, 0.2588, 0.2931



66.0439, 0.2846, 0.2812



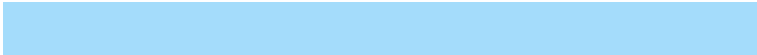
66.0439, 0.3695, 0.3618



66.0439, 0.3396, 0.3810

Sweetspot

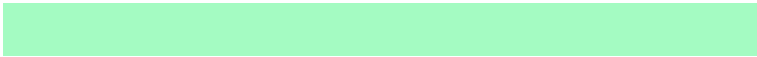
The Sweet Spot groups the original color and five complimentary colors.



66.0465, 0.2588, 0.2931



89.8182, 0.2972, 0.3198



80.8216, 0.2919, 0.3958



18.9339, 0.2950, 0.3185



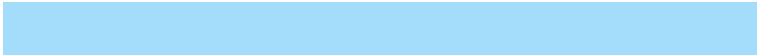
0.0000, 0.0000, 0.0000



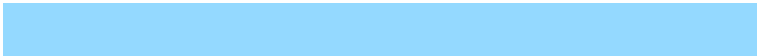
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0465, 0.2588, 0.2931



63.0442, 0.2479, 0.2841



46.3136, 0.2518, 0.2407



18.5068, 0.2980, 0.3203



17.4446, 0.1910, 0.2077



1.8157, 0.1955, 0.2238

Inverse Universe

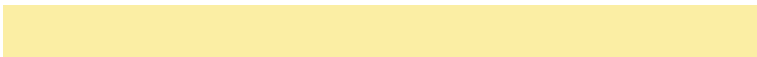
The Inverse Universe completely reimagines the original color for something new.



52.2245, 0.3427, 0.2713



47.4093, 0.3514, 0.2590



84.3308, 0.3692, 0.4040



17.4134, 0.3193, 0.3138



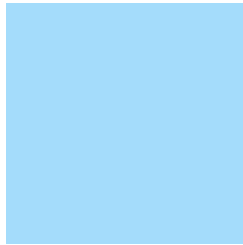
12.1719, 0.4366, 0.2179



1.1475, 0.4191, 0.2083

Previews

White Background



This preview shows how the Yxy color 66.0439, 0.2588, 0.2931 looks on a white background.

Color Contrast Check

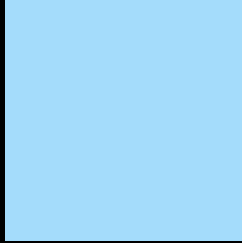
Large Text (above 18pt) WCAG AA × Fail

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 66.0439, 0.2588, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

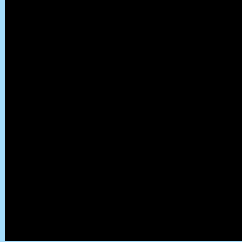
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0439, 0.2588, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 66.0439, 0.2588, 0.2931.

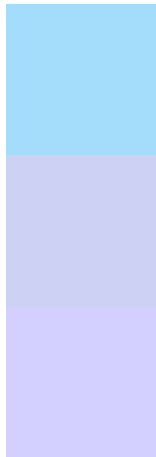


This preview shows how white text looks on a background with the Yxy color 66.0439, 0.2588, 0.2931.

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

66.0439, 0.2588, 0.2931

Protanopia

65.6040, 0.2869, 0.2916

Deuteranopia

65.6303, 0.2847, 0.2786



Tritanopia

66.1109, 0.2632, 0.3077

Trichromacy



Original Color

66.0439, 0.2588, 0.2931

Protanomaly

65.7557, 0.2756, 0.2919

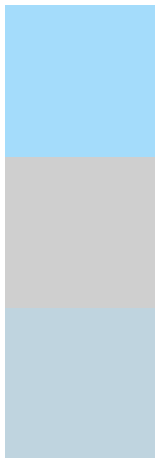
Deuteranomaly

65.6481, 0.2745, 0.2837

Tritanomaly

65.9259, 0.2615, 0.3020

Monochromacy



Original Color

66.0439, 0.2588, 0.2931

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.4910, 0.2905, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0439, 0.2588, 0.2931 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(164, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(164, 220, 251)  
}
```

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(164, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 220, 251) }
```

Border

The CSS property to change the border of an element to Yxy 66.0439, 0.2588, 0.2931 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(164, 220, 251) }
```

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

```
.border{ border-color:rgb(164, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(164, 220,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0439, 0.2588, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 220, 251) }
```

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

```
.background{ background-color: rgb(164,  
220, 251) }
```

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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