

Converting Colors

$Yxy(66.9365, 0.2562, 0.2906)$

Have a look what the booklet for
Yxy(66.9365, 0.2562, 0.2906)
contains.

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Color

Yxy(67.1439, 0.2561, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	A2DEFF
RGB	162, 222, 255
RGB Percent	64%, 87%, 100%
CMY	0.3647, 0.1294, 0.0001
CMYK	0.36, 0.13, 0.00, 0.00
HSL	201°, 100%, 82%
HSV	201°, 36%, 100%
XYZ	59.0709, 67.1439, 104.4409
YIQ	207.8220, -46.3530, -2.4570

Conversions

Conversions Part 2

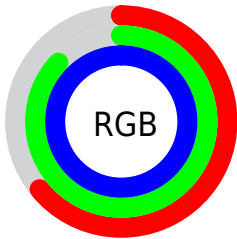
Format	Color
R _Y B	162, 198, 255
Decimal	10673919
CIE Lab	85.58, -11.14, -22.11
CIE LCh	86, 24.757, 243.265
Yxy	67.1439, 0.2561, 0.2911
Android (android.graphics.Color)	4288863999 (0xFFA2DEFF)
YUV	207.8220, 23.2588, -40.1859
Hunter-Lab	81.9414, -14.7181, -18.2109

Details

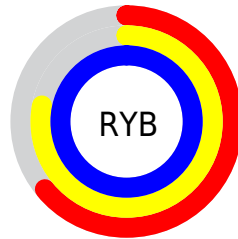
The Yxy color **67.1439, 0.2561, 0.2911** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.8944, 0.3890, 0.3637**, and the grayscale version is **62.8270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **34.7788, 0.2430, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **60.0641, 0.2415, 0.2786**, and if you desaturate by 10%, it is **75.0281, 0.2714, 0.3028**.

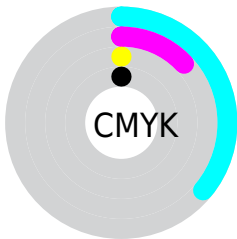
Distribution



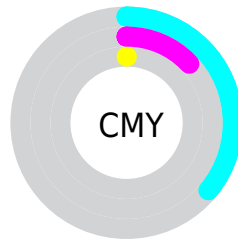
- Red (64%)
- Green (87%)
- Blue (100%)



- Red (64%)
- Yellow (78%)
- Blue (100%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (36%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1439, 0.2561, 0.2911 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 67.1439, 0.2561, 0.2911 by changing the saturation by 10% instead.

 67.1439, 0.2561,
0.2911

 67.1439, 0.2561,
0.2911


450.4568, 0.2821,
0.3091

 49.2016, 0.2503,
0.2869


 115.1266, 0.2651,
0.2974

 34.7794, 0.2431,
0.2817


 145.9357, 0.2686,
0.2999

 23.4930, 0.2341,
0.2750


181.8026, 0.2716,
0.3020

 14.9580, 0.2225,
0.2662

223.1116, 0.2742,
0.3038

 8.7899, 0.2071,
0.2542

270.2472, 0.2765,
0.3054

 4.6044, 0.1857,
0.2368

323.5936, 0.2786,

 2.0171, 0.1545,

0.3068

0.2100

383.5354, 0.2804,
0.3080

0.6174, 0.0835,
0.1637

0.0000, 0.0000,
0.0000

67.1439, 0.2561,
0.2911

67.1439, 0.2561,
0.2911

60.0641, 0.2415,
0.2786

75.0281, 0.2714,
0.3028

53.7439, 0.2281,
0.2655

83.7430, 0.2870,
0.3135

48.1455, 0.2162,
0.2518

93.3228, 0.3027,
0.3232

43.2231, 0.2061,
0.2380

99.9991, 0.3127,
0.3290

■ 38.9240, 0.1981,
0.2242

■ 35.1832, 0.1923,
0.2107

■ 33.9600, 0.1906,
0.2060

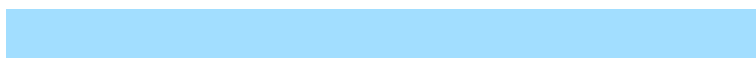
Harmonies

Analogous

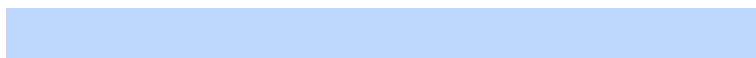
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.1439, 0.2581, 0.3141



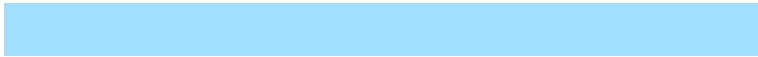
67.1439, 0.2561, 0.2911



67.1439, 0.2682, 0.2795

Triad

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



67.1439, 0.2561, 0.2911



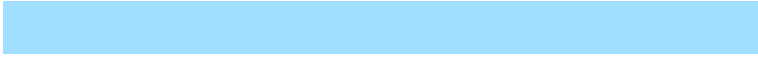
67.1439, 0.3520, 0.3141



67.1439, 0.3312, 0.3829

Complementary

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



67.1439, 0.2561, 0.2911



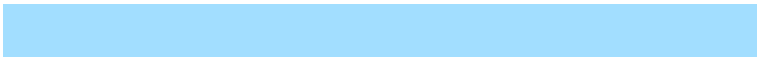
62.8944, 0.3890, 0.3637

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.



67.1439, 0.3578, 0.3801



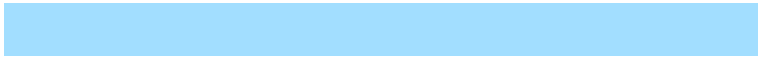
67.1439, 0.2561, 0.2911



67.1439, 0.3705, 0.3394

Square

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



67.1439, 0.2561, 0.2911



67.1439, 0.3229, 0.2931



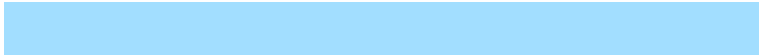
67.1439, 0.3725, 0.3635



67.1439, 0.3005, 0.3693

Rectangle

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



67.1439, 0.2561, 0.2911



67.1439, 0.2832, 0.2789



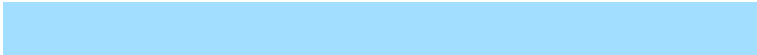
67.1439, 0.3725, 0.3635



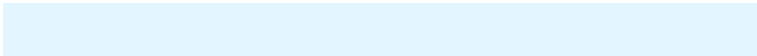
67.1439, 0.3409, 0.3838

Sweetspot

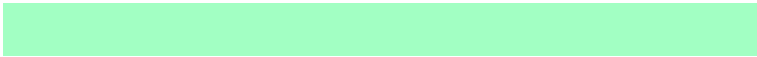
The Sweet Spot groups the original color and five complimentary colors.



67.1465, 0.2561, 0.2911



88.8774, 0.2956, 0.3189



83.1135, 0.2910, 0.4000



18.7460, 0.2935, 0.3176



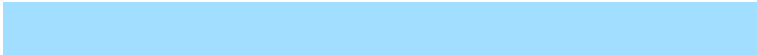
0.0000, 0.0000, 0.0000



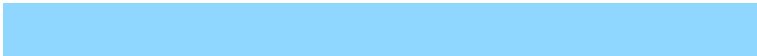
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1465, 0.2561, 0.2911



61.7432, 0.2450, 0.2818



45.9367, 0.2482, 0.2352



19.3335, 0.2980, 0.3204



18.0391, 0.1912, 0.2082



1.9625, 0.1954, 0.2235

Inverse Universe

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



52.3769, 0.3447, 0.2681



45.7614, 0.3538, 0.2556



86.8004, 0.3723, 0.4079



18.1845, 0.3193, 0.3138



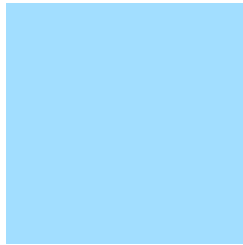
12.5490, 0.4361, 0.2176



1.2427, 0.4195, 0.2084

Previews

White Background



This preview shows how the Yxy color 67.1439, 0.2561, 0.2911 looks on a white background.

Color Contrast Check

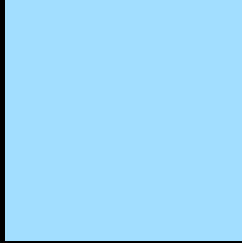
Large Text (above 18pt) WCAG AA × Fail

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 67.1439, 0.2561, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

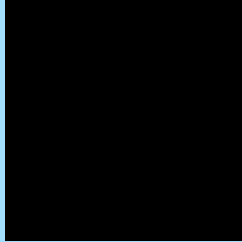
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1439, 0.2561, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 67.1439, 0.2561, 0.2911.

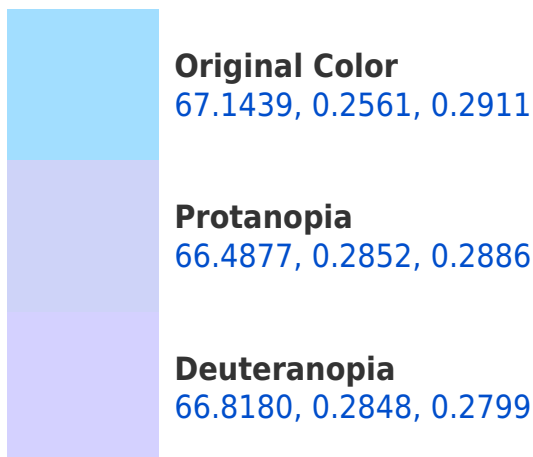


This preview shows how white text looks on a background with the Yxy color 67.1439, 0.2561, 0.2911.

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

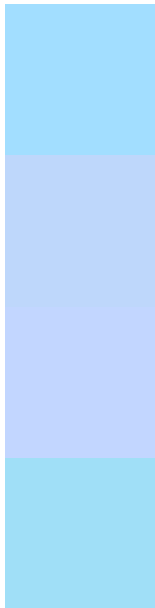




Tritanopia

67.0930, 0.2613, 0.3077

Trichromacy



Original Color

67.1439, 0.2561, 0.2911

Protanomaly

66.5131, 0.2734, 0.2889

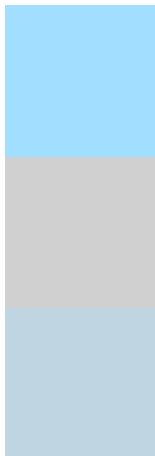
Deuteranomaly

66.7825, 0.2735, 0.2839

Tritanomaly

66.9643, 0.2592, 0.3009

Monochromacy



Original Color

67.1439, 0.2561, 0.2911

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.1011, 0.2893, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1439, 0.2561, 0.2911 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(162, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 255)  
}
```

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(162, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.1439, 0.2561, 0.2911 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(162, 222, 255) }
```

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

```
.border{ border-color:rgb(162, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1439, 0.2561, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 255) }
```

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

```
.background{ background-color: rgb(162,  
222, 255) }
```

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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