

Converting Colors

Yxy(68.5788, 0.2602, 0.2929)

Have a look what the booklet for
Yxy(68.5788, 0.2602, 0.2929)
contains.

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Color

Yxy(68.4304, 0.2600, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	A9DFFF
RGB	169, 223, 255
RGB Percent	66%, 87%, 100%
CMY	0.3372, 0.1255, 0.0000
CMYK	0.34, 0.13, 0.00, 0.00
HSL	202°, 100%, 83%
HSV	202°, 34%, 100%
XYZ	60.8062, 68.4304, 104.6335
YIQ	210.5020, -42.4560, -1.4960

Conversions

Conversions Part 2

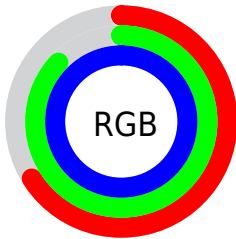
Format	Color
RYB	169, 202, 255
Decimal	11132927
CIELab	86.22, -9.78, -21.12
CIELCh	86, 23.274, 245.157
Yxy	68.4304, 0.2600, 0.2926
Android (android.graphics.Color)	4289323007 (0xFFA9DFFF)
YUV	210.5020, 21.9375, -36.3973
Hunter-Lab	82.7227, -13.5562, -17.0883

Details

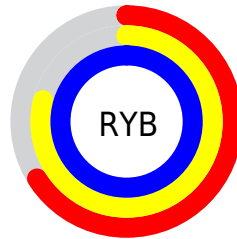
The Yxy color **68.4304, 0.2600, 0.2926** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.9105, 0.3811, 0.3625**, and the grayscale version is **64.6726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **35.6599, 0.2482, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **60.9495, 0.2450, 0.2797**, and if you desaturate by 10%, it is **76.7474, 0.2756, 0.3046**.

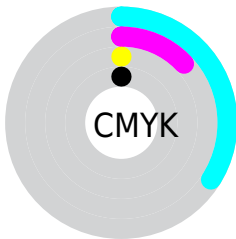
Distribution



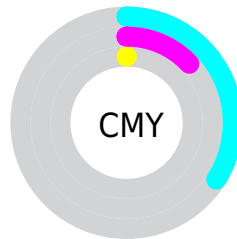
- Red (66%)
- Green (87%)
- Blue (100%)



- Red (66%)
- Yellow (79%)
- Blue (100%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4304, 0.2600, 0.2926 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 68.4304, 0.2600, 0.2926 by changing the saturation by 10% instead.

68.4304, 0.2600,
0.2926

68.4304, 0.2600,
0.2926

455.0194, 0.2842,
0.3098

50.2480, 0.2546,
0.2886

116.9676, 0.2683,
0.2986

35.6105, 0.2479,
0.2836

148.0913, 0.2716,
0.3010

24.1335, 0.2395,
0.2773

184.2974, 0.2744,
0.3030

15.4327, 0.2287,
0.2690

225.9704, 0.2768,
0.3047

9.1236, 0.2144,
0.2577

273.4947, 0.2790,
0.3062

4.8219, 0.1944,
0.2413

327.2547, 0.2809,

2.1431, 0.1650,

0.3076

0.2162

387.6348, 0.2826,
0.3087

0.6887, 0.1050,
0.1738

0.0000, 0.0000,
0.0000

68.4304, 0.2600,
0.2926

68.4304, 0.2600,
0.2926

60.9495, 0.2450,
0.2797

76.7474, 0.2756,
0.3046

54.2654, 0.2310,
0.2660

85.9318, 0.2913,
0.3156

48.3386, 0.2184,
0.2518

96.0164, 0.3070,
0.3256

43.1247, 0.2075,
0.2372

100.0000, 0.3127,
0.3290

■ 38.5722, 0.1987,
0.2227

■ 34.6198, 0.1921,
0.2084

■ 32.3904, 0.1888,
0.1996

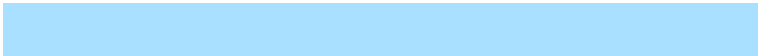
Harmonies

Analogous

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



68.4304, 0.2611, 0.3136



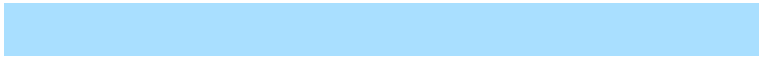
68.4304, 0.2600, 0.2926



68.4304, 0.2722, 0.2824

Triad

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



68.4304, 0.2600, 0.2926



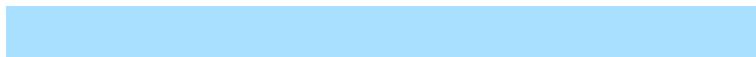
68.4304, 0.3509, 0.3166



68.4304, 0.3283, 0.3789

Complementary

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



68.4304, 0.2600, 0.2926



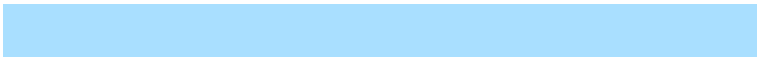
65.9105, 0.3811, 0.3625

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.



68.4304, 0.3536, 0.3773



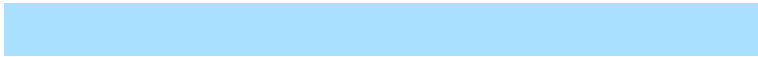
68.4304, 0.2600, 0.2926



68.4304, 0.3673, 0.3404

Square

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



68.4304, 0.2600, 0.2926



68.4304, 0.3242, 0.2964



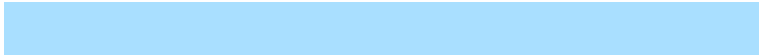
68.4304, 0.3681, 0.3626



68.4304, 0.2996, 0.3653

Rectangle

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



68.4304, 0.2600, 0.2926



68.4304, 0.2867, 0.2822



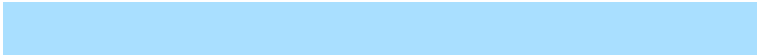
68.4304, 0.3681, 0.3626



68.4304, 0.3375, 0.3801

Sweetspot

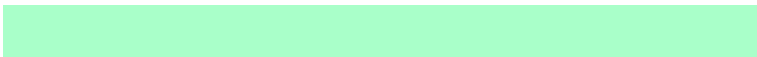
The Sweet Spot groups the original color and five complimentary colors.



68.4313, 0.2600, 0.2926



89.5732, 0.2972, 0.3194



84.1533, 0.2917, 0.3920



18.8745, 0.2950, 0.3180



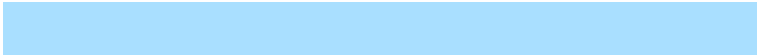
0.0000, 0.0000, 0.0000



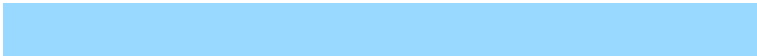
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4313, 0.2600, 0.2926



63.6351, 0.2505, 0.2846



48.4966, 0.2534, 0.2417



19.2783, 0.2979, 0.3199



17.2205, 0.1894, 0.2019



1.8863, 0.1939, 0.2180

Inverse Universe

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



54.9718, 0.3429, 0.2741



49.0539, 0.3505, 0.2638



88.5481, 0.3672, 0.4033



18.1790, 0.3195, 0.3142



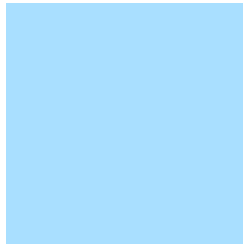
12.4664, 0.4431, 0.2215



1.2350, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 68.4304, 0.2600, 0.2926 looks on a white background.

Color Contrast Check

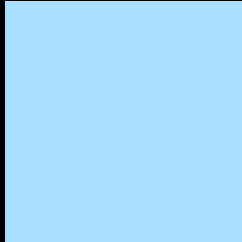
Large Text (above 18pt) WCAG AA × Fail

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 68.4304, 0.2600, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

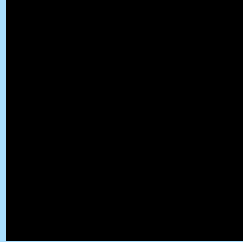
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

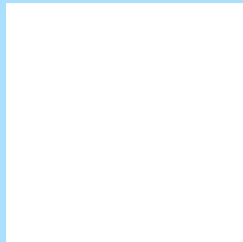
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4304, 0.2600, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 68.4304, 0.2600, 0.2926.



This preview shows how white text looks on a background with the Yxy color 68.4304, 0.2600, 0.2926.

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

68.4304, 0.2600, 0.2926

Protanopia

67.9834, 0.2867, 0.2901

Deuteranopia

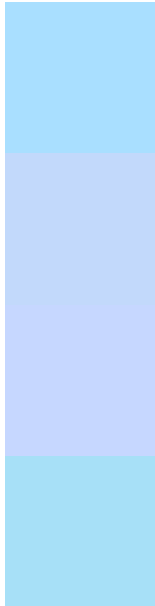
68.2556, 0.2869, 0.2823



Tritanopia

68.4285, 0.2648, 0.3080

Trichromacy



Original Color

68.4304, 0.2600, 0.2926

Protanomaly

68.0601, 0.2761, 0.2914

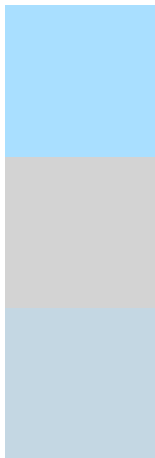
Deuteranomaly

67.8266, 0.2761, 0.2853

Tritanomaly

68.2422, 0.2631, 0.3024

Monochromacy



Original Color

68.4304, 0.2600, 0.2926

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8827, 0.2915, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4304, 0.2600, 0.2926 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(169, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 223, 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(169, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.4304, 0.2600, 0.2926 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(169, 223, 255) }
```

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

```
.border{ border-color:rgb(169, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4304, 0.2600, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 223, 255) }
```

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

```
.background{ background-color: rgb(169,  
223, 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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