

Converting Colors

$Yxy(67.7575, 0.2543, 0.2805)$

Have a look what the booklet for
Yxy(67.7575, 0.2543, 0.2805)
contains.

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Color

Yxy(67.1484, 0.2586, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	A7DDFF
RGB	167, 221, 255
RGB Percent	65%, 87%, 100%
CMY	0.3452, 0.1333, 0.0001
CMYK	0.35, 0.13, 0.00, 0.00
HSL	203°, 100%, 83%
HSV	203°, 35%, 100%
XYZ	59.8366, 67.1484, 104.4016
YIQ	208.7300, -43.0980, -0.8740

Conversions

Conversions Part 2

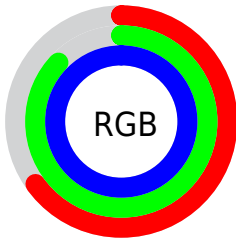
Format	Color
R _{YB}	167, 200, 255
Decimal	11001343
CIE Lab	85.58, -9.31, -22.08
CIE LCh	86, 23.965, 247.136
Yxy	67.1484, 0.2586, 0.2902
Android (android.graphics.Color)	4289191423 (0xFFA7DDFF)
YUV	208.7300, 22.8111, -36.5972
Hunter-Lab	81.9441, -13.0594, -18.1781

Details

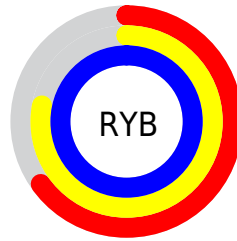
The Yxy color **67.1484, 0.2586, 0.2902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.7970, 0.3828, 0.3646**, and the grayscale version is **63.4434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **34.7944, 0.2464, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **59.5960, 0.2435, 0.2767**, and if you desaturate by 10%, it is **75.5583, 0.2742, 0.3028**.

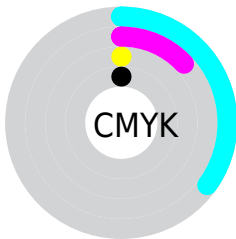
Distribution



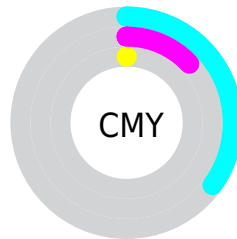
- Red (65%)
- Green (87%)
- Blue (100%)



- Red (65%)
- Yellow (78%)
- Blue (100%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1484, 0.2586, 0.2902 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 67.1484, 0.2586, 0.2902 by changing the saturation by 10% instead.

 67.1484, 0.2586,
0.2902


 67.1484, 0.2586,
0.2902


 450.4728, 0.2835,
0.3086


 49.2052, 0.2530,
0.2859


 115.1330, 0.2672,
0.2966


 34.7823, 0.2461,
0.2806


 145.9433, 0.2705,
0.2991


 23.4952, 0.2375,
0.2739


 181.8114, 0.2734,
0.3013

 14.9596, 0.2263,
0.2650

 223.1216, 0.2759,
0.3031

 8.7910, 0.2114,
0.2529

 270.2585, 0.2782,
0.3047

 4.6051, 0.1907,
0.2355

 323.6064, 0.2801,

 2.0175, 0.1604,

0.3062

0.2087

383.5497, 0.2819,
0.3074

0.6176, 0.0943,
0.1620

0.0000, 0.0000,
0.0000

67.1484, 0.2586,
0.2902

67.1484, 0.2586,
0.2902

59.5960, 0.2435,
0.2767

75.5583, 0.2742,
0.3028

52.8556, 0.2294,
0.2624

84.8525, 0.2901,
0.3142

46.8890, 0.2167,
0.2475

95.0661, 0.3057,
0.3247

41.6502, 0.2058,
0.2324

99.9991, 0.3127,
0.3290

■ 37.0870, 0.1969,
0.2173

■ 33.1360, 0.1903,
0.2025

■ 31.1820, 0.1874,
0.1946

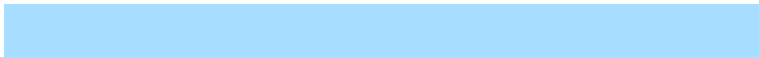
Harmonies

Analogous

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



67.1484, 0.2588, 0.3112



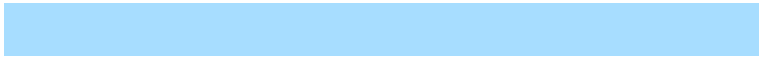
67.1484, 0.2586, 0.2902



67.1484, 0.2721, 0.2805

Triad

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



67.1484, 0.2586, 0.2902



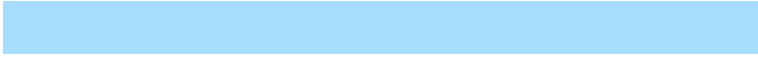
67.1484, 0.3538, 0.3176



67.1484, 0.3268, 0.3803

Complementary

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



67.1484, 0.2586, 0.2902



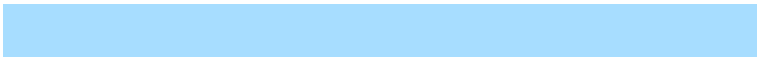
65.7970, 0.3828, 0.3646

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.



67.1484, 0.3535, 0.3796



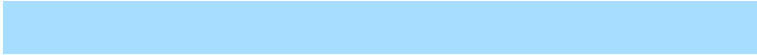
67.1484, 0.2586, 0.2902



67.1484, 0.3699, 0.3423

Square

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



67.1484, 0.2586, 0.2902



67.1484, 0.3266, 0.2964



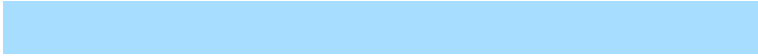
67.1484, 0.3696, 0.3651



67.1484, 0.2972, 0.3652

Rectangle

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



67.1484, 0.2586, 0.2902



67.1484, 0.2874, 0.2809



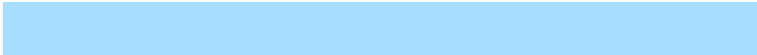
67.1484, 0.3696, 0.3651



67.1484, 0.3365, 0.3819

Sweetspot

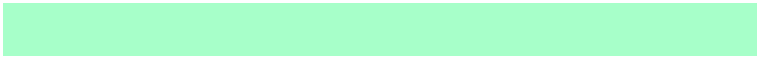
The Sweet Spot groups the original color and five complimentary colors.



67.1510, 0.2586, 0.2902



89.3597, 0.2972, 0.3191



83.9274, 0.2905, 0.3920



18.8227, 0.2950, 0.3176



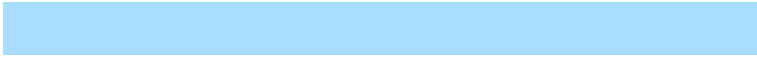
0.0000, 0.0000, 0.0000



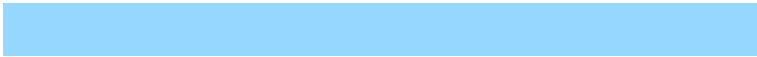
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1510, 0.2586, 0.2902



62.1647, 0.2487, 0.2815



46.9732, 0.2516, 0.2375



19.2347, 0.2979, 0.3196



16.5936, 0.1881, 0.1970



1.8276, 0.1927, 0.2136

Inverse Universe

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



54.1074, 0.3449, 0.2740



48.1044, 0.3531, 0.2636



89.1807, 0.3681, 0.4064



18.1746, 0.3198, 0.3145



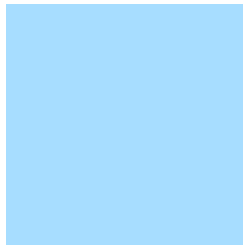
12.4031, 0.4487, 0.2246



1.2290, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 67.1484, 0.2586, 0.2902 looks on a white background.

Color Contrast Check

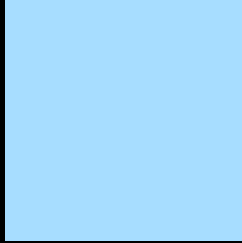
Large Text (above 18pt) WCAG AA × Fail

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 67.1484, 0.2586, 0.2902 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 67.1484, 0.2586, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 67.1484, 0.2586, 0.2902.



This preview shows how white text looks on a background with the Yxy color 67.1484, 0.2586, 0.2902.

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

67.1484, 0.2586, 0.2902

Protanopia

66.5499, 0.2846, 0.2876

Deuteranopia

66.8180, 0.2848, 0.2799



Tritanopia

67.0187, 0.2645, 0.3078

Trichromacy



Original Color

67.1484, 0.2586, 0.2902

Protanomaly

66.7724, 0.2746, 0.2890

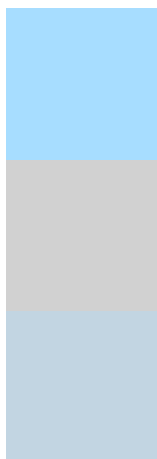
Deuteranomaly

66.5443, 0.2747, 0.2829

Tritanomaly

66.8957, 0.2623, 0.3011

Monochromacy



Original Color

67.1484, 0.2586, 0.2902

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5488, 0.2907, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1484, 0.2586, 0.2902 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(167, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 221, 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(167, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.1484, 0.2586, 0.2902 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(167, 221, 255) }
```

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

```
.border{ border-color:rgb(167, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1484, 0.2586, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 221, 255) }
```

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

```
.background{ background-color: rgb(167,  
221, 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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