

Converting Colors

Yxy(66.4425, 0.2607, 0.2878)

Have a look what the booklet for
Yxy(66.4425, 0.2607, 0.2878)
contains.

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Color

Yxy(66.5410, 0.2605, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	ABDBFF
RGB	171, 219, 255
RGB Percent	67%, 86%, 100%
CMY	0.3295, 0.1411, 0.0001
CMYK	0.33, 0.14, 0.00, 0.00
HSL	206°, 100%, 84%
HSV	206°, 33%, 100%
XYZ	60.1664, 66.5410, 104.2576
YIQ	208.7520, -40.1640, 1.0200

Conversions

Conversions Part 2

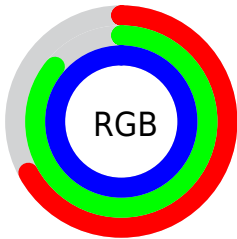
Format	Color
R _Y B	171, 202, 255
Decimal	11262975
CIE Lab	85.27, -7.20, -22.52
CIE LCh	85, 23.644, 252.267
Yxy	66.5410, 0.2605, 0.2881
Android (android.graphics.Color)	4289453055 (0xFFABDBFF)
YUV	208.7520, 22.8003, -33.1085
Hunter-Lab	81.5727, -11.0941, -18.6774

Details

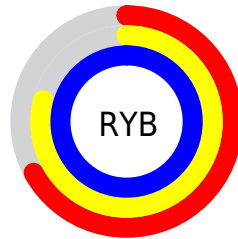
The Yxy color **66.5410, 0.2605, 0.2881** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.7827, 0.3776, 0.3664**, and the grayscale version is **63.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **34.3411, 0.2484, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **58.4422, 0.2449, 0.2732**, and if you desaturate by 10%, it is **75.5706, 0.2765, 0.3019**.

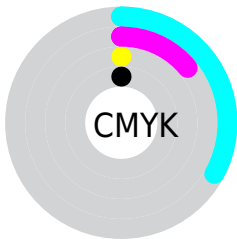
Distribution



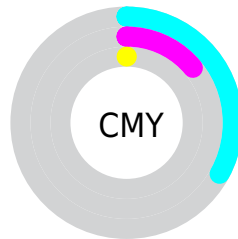
- Red (67%)
- Green (86%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5410, 0.2605, 0.2881 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 66.5410, 0.2605, 0.2881 by changing the saturation by 10% instead.

■ 66.5410, 0.2605,
0.2881

■ 66.5410, 0.2605,
0.2881

448.3092, 0.2846,
0.3074

■ 48.7117, 0.2551,
0.2836

■ 114.2625, 0.2688,
0.2948

■ 34.3908, 0.2484,
0.2781

144.9234, 0.2721,
0.2975

■ 23.1940, 0.2399,
0.2711

180.6304, 0.2749,
0.2997

■ 14.7368, 0.2291,
0.2618

221.7678, 0.2773,
0.3016

■ 8.6349, 0.2145,
0.2493

268.7199, 0.2794,
0.3033

■ 4.5038, 0.1942,
0.2313

321.8713, 0.2813,

■ 1.9592, 0.1642,

0.3048

0.2037

381.6063, 0.2830,
0.3062

0.5836, 0.1001,
0.1542

0.0000, 0.0000,
0.0000

66.5410, 0.2605,
0.2881

66.5410, 0.2605,
0.2881

58.4422, 0.2449,
0.2732

75.5706, 0.2765,
0.3019

51.2274, 0.2300,
0.2573

85.5594, 0.2925,
0.3145

44.8568, 0.2165,
0.2408

96.5439, 0.3082,
0.3259

39.2834, 0.2046,
0.2239

99.9984, 0.3127,
0.3290

■ 34.4537, 0.1948,
0.2071

■ 30.3043, 0.1873,
0.1907

■ 27.7261, 0.1832,
0.1795

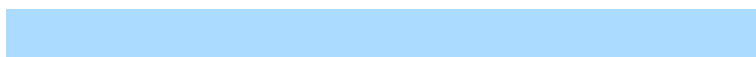
Harmonies

Analogous

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



66.5410, 0.2583, 0.3072



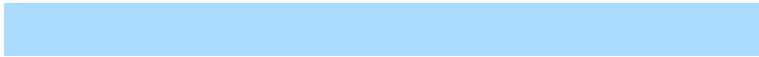
66.5410, 0.2605, 0.2881



66.5410, 0.2760, 0.2805

Triad

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



66.5410, 0.2605, 0.2881



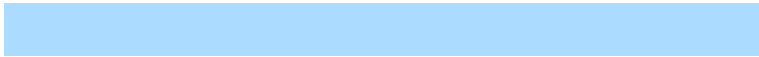
66.5410, 0.3571, 0.3218



66.5410, 0.3217, 0.3783

Complementary

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



66.5410, 0.2605, 0.2881



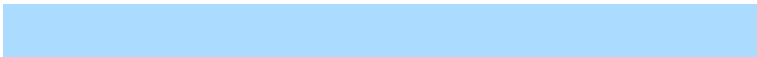
68.7827, 0.3776, 0.3664

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.



66.5410, 0.3492, 0.3803



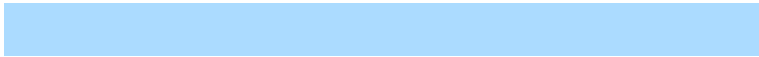
66.5410, 0.2605, 0.2881



66.5410, 0.3704, 0.3464

Square

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



66.5410, 0.2605, 0.2881



66.5410, 0.3315, 0.2999



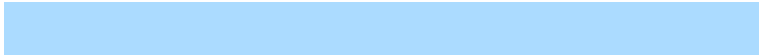
66.5410, 0.3673, 0.3679



66.5410, 0.2927, 0.3610

Rectangle

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



66.5410, 0.2605, 0.2881



66.5410, 0.2922, 0.2823



66.5410, 0.3673, 0.3679



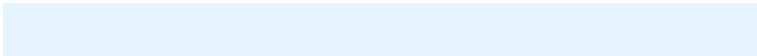
66.5410, 0.3314, 0.3808

Sweetspot

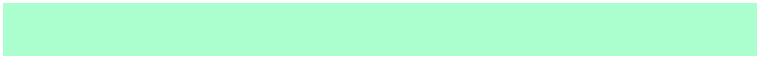
The Sweet Spot groups the original color and five complimentary colors.



66.5436, 0.2605, 0.2881



88.7131, 0.2972, 0.3180



84.6124, 0.2899, 0.3852



18.6661, 0.2949, 0.3164



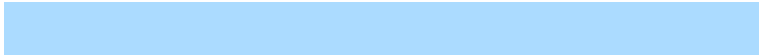
0.0000, 0.0000, 0.0000



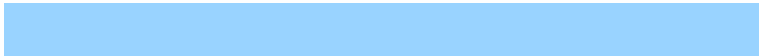
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5436, 0.2605, 0.2881



60.7504, 0.2494, 0.2777



47.6995, 0.2543, 0.2390



19.1028, 0.2979, 0.3186



14.7931, 0.1839, 0.1821



1.6573, 0.1890, 0.2004

Inverse Universe

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



55.4830, 0.3460, 0.2800



48.7627, 0.3559, 0.2693



91.3127, 0.3646, 0.4054



18.1612, 0.3204, 0.3155



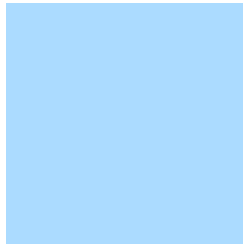
12.2213, 0.4660, 0.2341



1.2118, 0.4449, 0.2224

Previews

White Background



This preview shows how the Yxy color 66.5410, 0.2605, 0.2881 looks on a white background.

Color Contrast Check

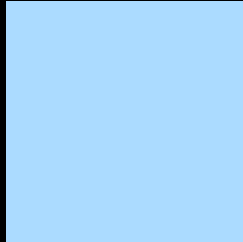
Large Text (above 18pt) WCAG AA × Fail

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 66.5410, 0.2605, 0.2881 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

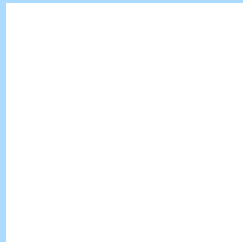
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5410, 0.2605, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 66.5410, 0.2605, 0.2881.

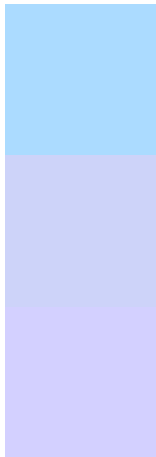


This preview shows how white text looks on a background with the Yxy color 66.5410, 0.2605, 0.2881.

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

66.5410, 0.2605, 0.2881

Protanopia

66.4072, 0.2839, 0.2875

Deuteranopia

66.1806, 0.2841, 0.2787



Tritanopia

66.6900, 0.2671, 0.3090

Trichromacy



Original Color

66.5410, 0.2605, 0.2881

Protanomaly

66.3956, 0.2752, 0.2879

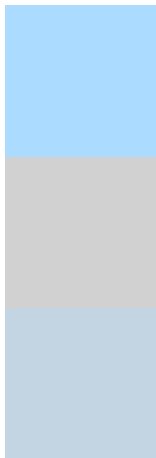
Deuteranomaly

66.0427, 0.2746, 0.2818

Tritanomaly

66.6303, 0.2643, 0.3011

Monochromacy



Original Color

66.5410, 0.2605, 0.2881

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6816, 0.2914, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5410, 0.2605, 0.2881 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(171, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 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(171, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5410, 0.2605, 0.2881 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(171, 219, 255) }
```

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

```
.border{ border-color:rgb(171, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(171, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5410, 0.2605, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 255) }
```

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

```
.background{ background-color: rgb(171,  
219, 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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