

Converting Colors

$Yxy(65.7001, 0.2633, 0.2906)$

Have a look what the booklet for
Yxy(65.7001, 0.2633, 0.2906)
contains.

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Color

Yxy(65.9921, 0.2636, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	ADDAFB
RGB	173, 218, 251
RGB Percent	68%, 85%, 98%
CMY	0.3215, 0.1451, 0.0158
CMYK	0.31, 0.13, 0.00, 0.02
HSL	205°, 91%, 83%
HSV	205°, 31%, 98%
XYZ	59.7168, 65.9921, 100.8345
YIQ	208.3070, -37.4130, 0.7230

Conversions

Conversions Part 2

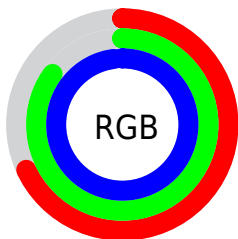
Format	Color
R _Y B	173, 202, 251
Decimal	11393787
CIE Lab	84.99, -7.07, -20.82
CIE LCh	85, 21.988, 251.245
Yxy	65.9921, 0.2636, 0.2913
Android (android.graphics.Color)	4289583867 (0xFFADDAFB)
YUV	208.3070, 21.0476, -30.9642
Hunter-Lab	81.2355, -10.9455, -16.7295

Details

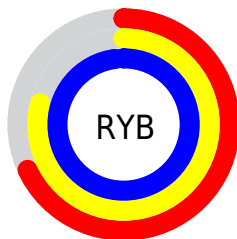
The Yxy color **65.9921, 0.2636, 0.2913** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6602, 0.3731, 0.3638**, and the grayscale version is **63.1681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **33.9410, 0.2520, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **58.0665, 0.2479, 0.2768**, and if you desaturate by 10%, it is **74.8129, 0.2796, 0.3047**.

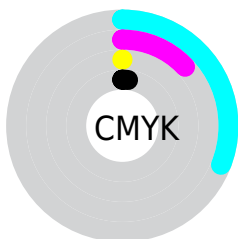
Distribution



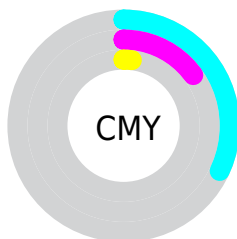
- Red (68%)
- Green (85%)
- Blue (98%)



- Red (68%)
- Yellow (79%)
- Blue (98%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (32%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9921, 0.2636, 0.2913 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 65.9921, 0.2636, 0.2913 by changing the saturation by 10% instead.

65.9921, 0.2636,
0.2913

65.9921, 0.2636,
0.2913

446.3486, 0.2863,
0.3091

48.2660, 0.2584,
0.2872

113.4750, 0.2715,
0.2975

34.0376, 0.2521,
0.2820

144.0006, 0.2745,
0.3000

22.9225, 0.2441,
0.2754

179.5614, 0.2772,
0.3020

14.5363, 0.2337,
0.2668

220.5419, 0.2795,
0.3038

8.4946, 0.2197,
0.2550

267.3265, 0.2815,
0.3054

4.4130, 0.2001,
0.2379

320.2996, 0.2833,

1.9072, 0.1707,

0.3068

0.2114

379.8455, 0.2849,
0.3080

0.5527, 0.1029,
0.1612

0.0000, 0.0000,
0.0000

65.9921, 0.2636,
0.2913

65.9921, 0.2636,
0.2913

58.0665, 0.2479,
0.2768

74.8129, 0.2796,
0.3047

50.9915, 0.2330,
0.2613

84.5553, 0.2955,
0.3169

44.7300, 0.2192,
0.2451

95.2539, 0.3111,
0.3279

39.2378, 0.2071,
0.2285

99.7434, 0.3150,
0.3328

■ 34.4654, 0.1969,
0.2118

■ 30.3543, 0.1891,
0.1955

■ 27.1610, 0.1837,
0.1814

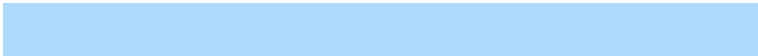
Harmonies

Analogous

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



65.9921, 0.2620, 0.3096



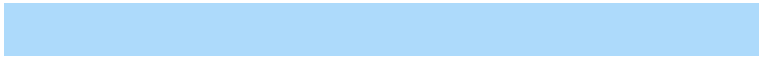
65.9921, 0.2636, 0.2913



65.9921, 0.2777, 0.2837

Triad

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



65.9921, 0.2636, 0.2913



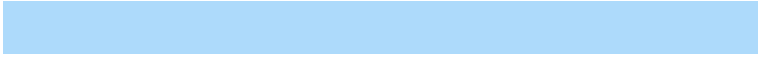
65.9921, 0.3534, 0.3216



65.9921, 0.3221, 0.3751

Complementary

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



65.9921, 0.2636, 0.2913



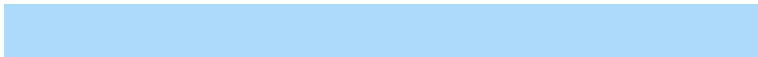
67.6602, 0.3731, 0.3638

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.



65.9921, 0.3475, 0.3767



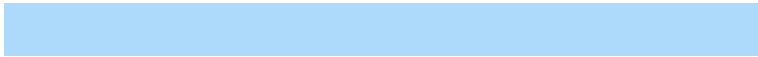
65.9921, 0.2636, 0.2913



65.9921, 0.3663, 0.3446

Square

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



65.9921, 0.2636, 0.2913



65.9921, 0.3293, 0.3012



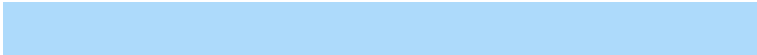
65.9921, 0.3640, 0.3649



65.9921, 0.2949, 0.3595

Rectangle

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



65.9921, 0.2636, 0.2913



65.9921, 0.2928, 0.2851



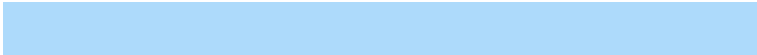
65.9921, 0.3640, 0.3649



65.9921, 0.3311, 0.3773

Sweetspot

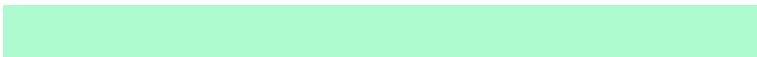
The Sweet Spot groups the original color and five complimentary colors.



65.9947, 0.2636, 0.2913



89.8667, 0.2987, 0.3193



82.2966, 0.2911, 0.3814



18.9009, 0.2964, 0.3176



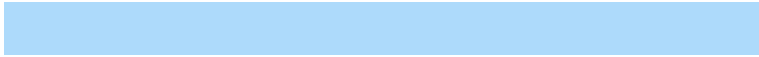
0.0000, 0.0000, 0.0000



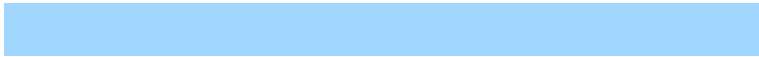
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9947, 0.2636, 0.2913



63.4101, 0.2542, 0.2828



48.2975, 0.2582, 0.2451



18.3066, 0.2980, 0.3187



14.5750, 0.1845, 0.1840



1.5598, 0.1897, 0.2030

Inverse Universe

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



55.4614, 0.3432, 0.2825



51.5388, 0.3511, 0.2733



88.5116, 0.3616, 0.4010



17.3932, 0.3203, 0.3154



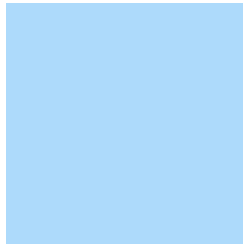
11.8823, 0.4638, 0.2328



1.1217, 0.4419, 0.2208

Previews

White Background



This preview shows how the Yxy color 65.9921, 0.2636, 0.2913 looks on a white background.

Color Contrast Check

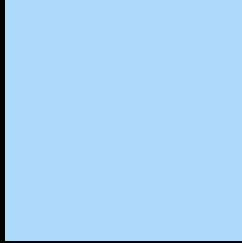
Large Text (above 18pt) WCAG AA × Fail

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 65.9921, 0.2636, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

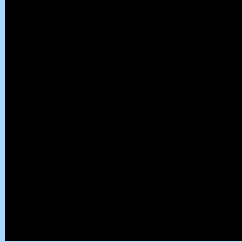
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

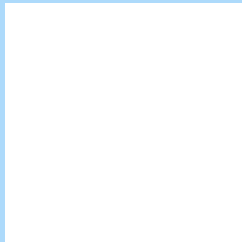
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9921, 0.2636, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 65.9921, 0.2636, 0.2913.

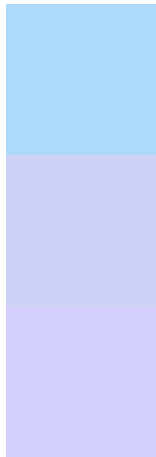


This preview shows how white text looks on a background with the Yxy color 65.9921, 0.2636, 0.2913.

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

65.9921, 0.2636, 0.2913

Protanopia

65.7261, 0.2857, 0.2895

Deuteranopia

65.7145, 0.2860, 0.2797



Tritanopia

65.9055, 0.2691, 0.3079

Trichromacy



Original Color

65.9921, 0.2636, 0.2913

Protanomaly

65.7033, 0.2768, 0.2899

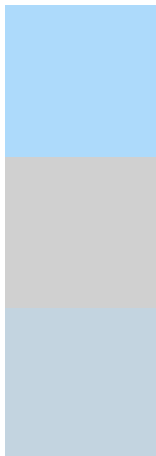
Deuteranomaly

65.6226, 0.2775, 0.2839

Tritanomaly

65.7920, 0.2668, 0.3011

Monochromacy



Original Color

65.9921, 0.2636, 0.2913

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0709, 0.2927, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9921, 0.2636, 0.2913 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(173, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 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(173, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 251) }
```

Border

The CSS property to change the border of an element to Yxy 65.9921, 0.2636, 0.2913 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(173, 218, 251) }
```

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

```
.border{ border-color:rgb(173, 218, 251) }
```

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

Here you see how a box with a 4 pixel rgb(173, 218, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9921, 0.2636, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 251) }
```

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

```
.background{ background-color: rgb(173,  
218, 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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