

Converting Colors

$Yxy(65.8550, 0.2644, 0.2850)$

Have a look what the booklet for
Yxy(65.8550, 0.2644, 0.2850)
contains.

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Color

Yxy(65.9154, 0.2647, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	B3D8FF
RGB	179, 216, 255
RGB Percent	70%, 85%, 100%
CMY	0.2979, 0.1529, 0.0001
CMYK	0.30, 0.15, 0.00, 0.00
HSL	211°, 100%, 85%
HSV	211°, 30%, 100%
XYZ	61.1989, 65.9154, 104.0867
YIQ	209.3830, -34.5710, 4.2850

Conversions

Conversions Part 2

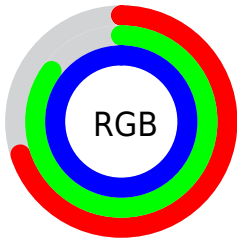
Format	Color
R _Y B	179, 204, 255
Decimal	11786495
CIE Lab	84.95, -3.39, -22.96
CIE LCh	85, 23.210, 261.608
Yxy	65.9154, 0.2647, 0.2851
Android (android.graphics.Color)	4289976575 (0xFFB3D8FF)
YUV	209.3830, 22.4892, -26.6459
Hunter-Lab	81.1883, -7.5281, -19.1804

Details

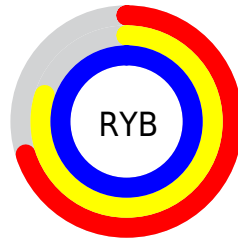
The Yxy color **65.9154, 0.2647, 0.2851** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.6630, 0.3681, 0.3691**, and the grayscale version is **63.8956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **33.8520, 0.2532, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **56.7137, 0.2481, 0.2674**, and if you desaturate by 10%, it is **76.2182, 0.2813, 0.3014**.

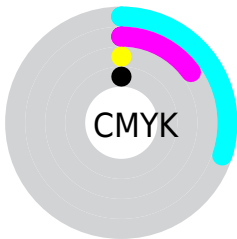
Distribution



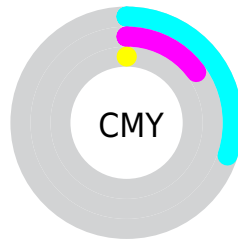
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9154, 0.2647, 0.2851 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 65.9154, 0.2647, 0.2851 by changing the saturation by 10% instead.

■ 65.9154, 0.2647,
0.2851

■ 65.9154, 0.2647,
0.2851

446.0743, 0.2869,
0.3057

■ 48.2037, 0.2596,
0.2804

■ 113.3649, 0.2724,
0.2923

■ 33.9883, 0.2534,
0.2745

143.8715, 0.2754,
0.2950

■ 22.8846, 0.2456,
0.2671

179.4119, 0.2780,
0.2974

■ 14.5083, 0.2354,
0.2575

220.3705, 0.2802,
0.2995

■ 8.4750, 0.2217,
0.2444

267.1316, 0.2822,
0.3013

■ 4.4004, 0.2024,
0.2257

320.0797, 0.2840,

■ 1.9000, 0.1737,

0.3029

0.1974

379.5991, 0.2855,
0.3044

0.5484, 0.1156,
0.1445

0.0000, 0.0000,
0.0000

65.9154, 0.2647,
0.2851

65.9154, 0.2647,
0.2851

56.7137, 0.2481,
0.2674

76.2182, 0.2813,
0.3014

48.5619, 0.2319,
0.2484

87.6548, 0.2975,
0.3161

41.4157, 0.2167,
0.2286

99.9987, 0.3127,
0.3290

35.2240, 0.2029,
0.2083

■ 29.9293, 0.1913,
0.1881

■ 25.4656, 0.1820,
0.1686

■ 21.7349, 0.1752,
0.1504

■ 21.6604, 0.1750,
0.1500

Harmonies

Analogous

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



65.9154, 0.2583, 0.3006



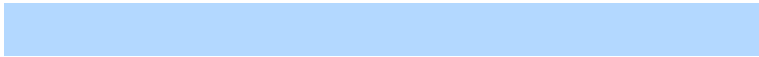
65.9154, 0.2647, 0.2851



65.9154, 0.2835, 0.2814

Triad

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



65.9154, 0.2647, 0.2851



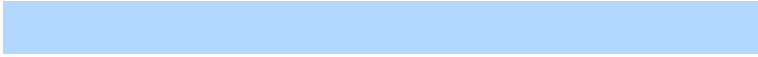
65.9154, 0.3621, 0.3295



65.9154, 0.3124, 0.3737

Complementary

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



65.9154, 0.2647, 0.2851



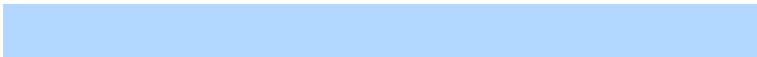
74.6630, 0.3681, 0.3691

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.



65.9154, 0.3408, 0.3806



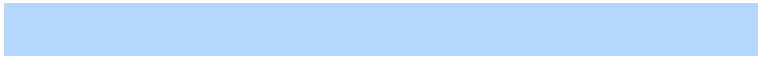
65.9154, 0.2647, 0.2851



65.9154, 0.3704, 0.3534

Square

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



65.9154, 0.2647, 0.2851



65.9154, 0.3399, 0.3065



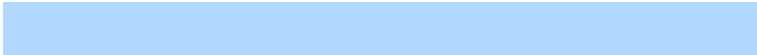
65.9154, 0.3623, 0.3724



65.9154, 0.2850, 0.3528

Rectangle

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



65.9154, 0.2647, 0.2851



65.9154, 0.3012, 0.2855



65.9154, 0.3623, 0.3724



65.9154, 0.3222, 0.3777

Sweetspot

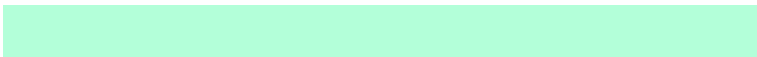
The Sweet Spot groups the original color and five complimentary colors.



65.9180, 0.2647, 0.2851



88.6174, 0.2987, 0.3172



86.1049, 0.2886, 0.3716



18.5932, 0.2964, 0.3152



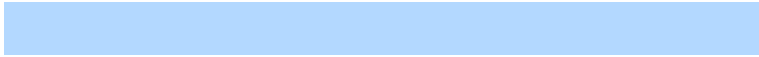
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



65.9180, 0.2647, 0.2851



60.0817, 0.2544, 0.2743



49.0610, 0.2598, 0.2415



18.8373, 0.2979, 0.3165



11.6165, 0.1758, 0.1530



1.3488, 0.1816, 0.1739

Inverse Universe

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



58.4683, 0.3474, 0.2912



52.0737, 0.3573, 0.2830



96.0191, 0.3579, 0.4037



18.1344, 0.3217, 0.3175



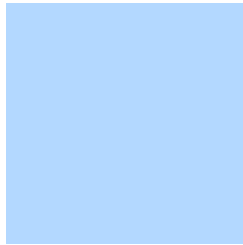
11.9007, 0.5021, 0.2540



1.1807, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 65.9154, 0.2647, 0.2851 looks on a white background.

Color Contrast Check

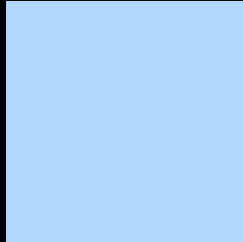
Large Text (above 18pt) WCAG AA × Fail

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 65.9154, 0.2647, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

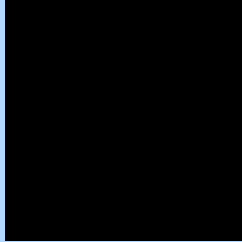
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

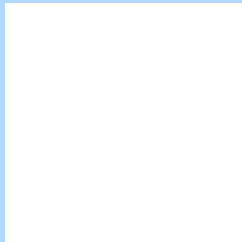
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9154, 0.2647, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 65.9154, 0.2647, 0.2851.



This preview shows how white text looks on a background with the Yxy color 65.9154, 0.2647, 0.2851.

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

65.9154, 0.2647, 0.2851

Protanopia

65.7547, 0.2813, 0.2842

Deuteranopia

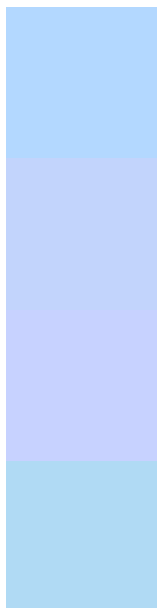
65.5473, 0.2834, 0.2775



Tritanopia

65.8914, 0.2725, 0.3080

Trichromacy



Original Color

65.9154, 0.2647, 0.2851

Protanomaly

65.5846, 0.2751, 0.2847

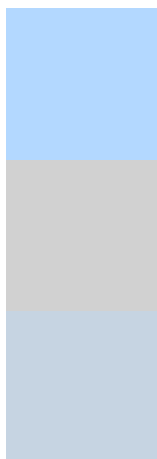
Deuteranomaly

65.4553, 0.2764, 0.2798

Tritanomaly

65.9046, 0.2691, 0.2990

Monochromacy



Original Color

65.9154, 0.2647, 0.2851

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5837, 0.2935, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9154, 0.2647, 0.2851 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(179, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 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(179, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.9154, 0.2647, 0.2851 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(179, 216, 255) }
```

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

```
.border{ border-color:rgb(179, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9154, 0.2647, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 255) }
```

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

```
.background{ background-color: rgb(179,  
216, 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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