

Converting Colors

Yxy(64.7061, 0.2608, 0.2836)

Have a look what the booklet for
Yxy(64.7061, 0.2608, 0.2836)
contains.

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Color

Yxy(64.7051, 0.2611, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	ADD7FF
RGB	173, 215, 255
RGB Percent	68%, 84%, 100%
CMY	0.3213, 0.1569, 0.0001
CMYK	0.32, 0.16, 0.00, 0.00
HSL	209°, 100%, 84%
HSV	209°, 32%, 100%
XYZ	59.5926, 64.7051, 103.9390
YIQ	207.0020, -37.8720, 3.5360

Conversions

Conversions Part 2

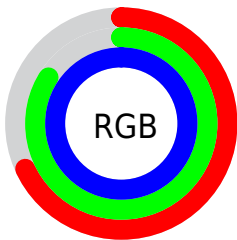
Format	Color
R _{YB}	173, 201, 255
Decimal	11393023
CIE _{Lab}	84.33, -4.52, -23.94
CIE _{LCh}	84, 24.363, 259.312
Y _{xy}	64.7051, 0.2611, 0.2835
Android (android.graphics.Color)	4289583103 (0xFFADD7FF)
YUV	207.0020, 23.6630, -29.8198
Hunter-Lab	80.4395, -8.5296, -20.3033

Details

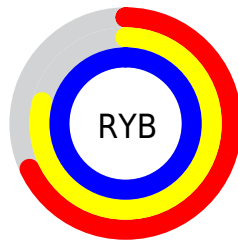
The Yxy color **64.7051, 0.2611, 0.2835** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8958, 0.3740, 0.3704**, and the grayscale version is **62.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **33.0704, 0.2488, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **55.9711, 0.2448, 0.2664**, and if you desaturate by 10%, it is **74.4813, 0.2775, 0.2993**.

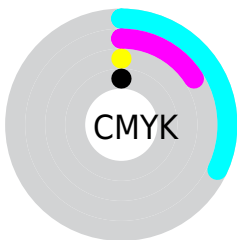
Distribution



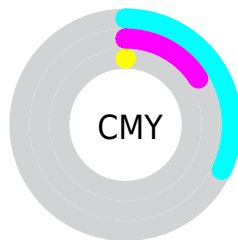
- Red (68%)
- Green (84%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- Blue (100%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7051, 0.2611, 0.2835 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 64.7051, 0.2611, 0.2835 by changing the saturation by 10% instead.

■ 64.7051, 0.2611,
0.2835

■ 64.7051, 0.2611,
0.2835

■ 441.7315, 0.2850,
0.3049

■ 47.2220, 0.2557,
0.2786

■ 111.6258, 0.2694,
0.2910

■ 33.2112, 0.2489,
0.2724

■ 141.8321, 0.2726,
0.2939

■ 22.2883, 0.2405,
0.2647

■ 177.0484, 0.2754,
0.2963

■ 14.0689, 0.2295,
0.2545

■ 217.6589, 0.2778,
0.2985

■ 8.1686, 0.2148,
0.2407

■ 264.0480, 0.2800,
0.3004

■ 4.2030, 0.1942,
0.2211

■ 316.6003, 0.2818,

■ 1.7878, 0.1636,

0.3021

0.1913

375.6999, 0.2835,
0.3036

0.4795, 0.0954,
0.1325

0.0000, 0.0000,
0.0000

64.7051, 0.2611,
0.2835

64.7051, 0.2611,
0.2835

55.9711, 0.2448,
0.2664

74.4813, 0.2775,
0.2993

48.2295, 0.2291,
0.2482

85.3316, 0.2938,
0.3136

41.4368, 0.2145,
0.2292

97.2956, 0.3095,
0.3265

35.5426, 0.2016,
0.2099

99.9988, 0.3127,
0.3290

■ 30.4899, 0.1908,
0.1907

■ 26.2121, 0.1824,
0.1723

■ 23.3158, 0.1774,
0.1585

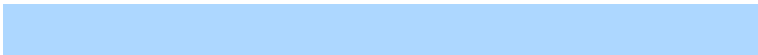
Harmonies

Analogous

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



64.7051, 0.2554, 0.3007



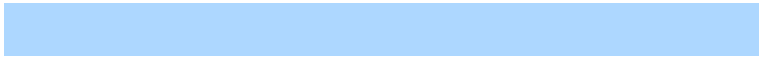
64.7051, 0.2611, 0.2835



64.7051, 0.2800, 0.2787

Triad

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



64.7051, 0.2611, 0.2835



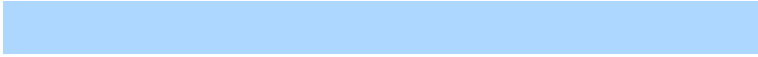
64.7051, 0.3636, 0.3274



64.7051, 0.3147, 0.3774

Complementary

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



64.7051, 0.2611, 0.2835



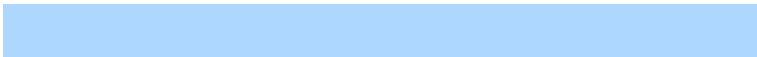
71.8958, 0.3740, 0.3704

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.



64.7051, 0.3444, 0.3834



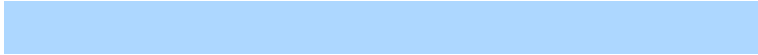
64.7051, 0.2611, 0.2835



64.7051, 0.3736, 0.3527

Square

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



64.7051, 0.2611, 0.2835



64.7051, 0.3392, 0.3036



64.7051, 0.3663, 0.3736



64.7051, 0.2854, 0.3563

Rectangle

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



64.7051, 0.2611, 0.2835



64.7051, 0.2982, 0.2824



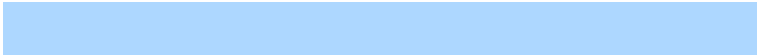
64.7051, 0.3663, 0.3736



64.7051, 0.3250, 0.3813

Sweetspot

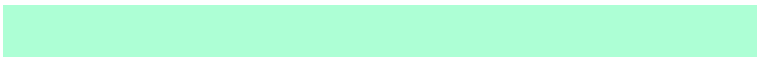
The Sweet Spot groups the original color and five complimentary colors.



64.7076, 0.2611, 0.2835



87.7928, 0.2971, 0.3164



85.1872, 0.2876, 0.3771



18.4435, 0.2949, 0.3146



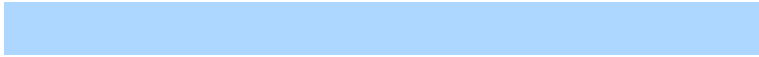
0.0000, 0.0000, 0.0000



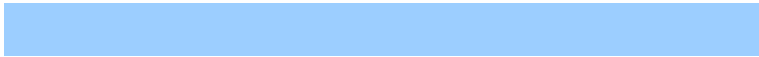
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7076, 0.2611, 0.2835



58.6010, 0.2499, 0.2719



46.5525, 0.2552, 0.2351



18.9150, 0.2979, 0.3171



12.4851, 0.1782, 0.1613



1.4344, 0.1838, 0.1816

Inverse Universe

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



56.0770, 0.3492, 0.2861



49.3641, 0.3601, 0.2767



94.9163, 0.3618, 0.4083



18.1423, 0.3214, 0.3169



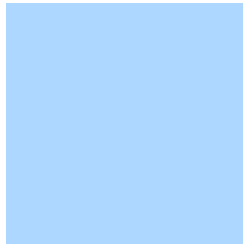
11.9883, 0.4914, 0.2481



1.1893, 0.4667, 0.2344

Previews

White Background



This preview shows how the Yxy color 64.7051, 0.2611, 0.2835 looks on a white background.

Color Contrast Check

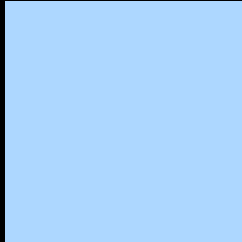
Large Text (above 18pt) WCAG AA × Fail

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 64.7051, 0.2611, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

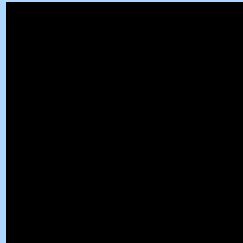
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

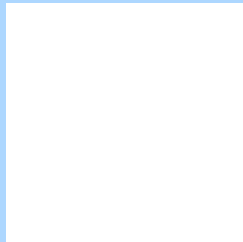
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7051, 0.2611, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 64.7051, 0.2611, 0.2835.



This preview shows how white text looks on a background with the Yxy color 64.7051, 0.2611, 0.2835.

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

64.7051, 0.2611, 0.2835

Protanopia

64.4314, 0.2805, 0.2828

Deuteranopia

64.6280, 0.2813, 0.2761



Tritanopia

64.6340, 0.2693, 0.3077

Trichromacy



Original Color

64.7051, 0.2611, 0.2835

Protanomaly

64.6932, 0.2731, 0.2833

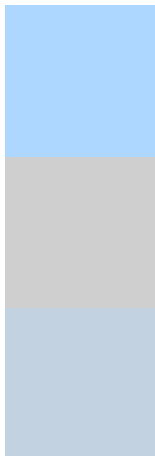
Deuteranomaly

64.4230, 0.2737, 0.2783

Tritanomaly

64.6428, 0.2660, 0.2987

Monochromacy



Original Color

64.7051, 0.2611, 0.2835

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0771, 0.2926, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7051, 0.2611, 0.2835 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 215, 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(173, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.7051, 0.2611, 0.2835 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, 215, 255) }
```

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

```
.border{ border-color:rgb(173, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7051, 0.2611, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 215, 255) }
```

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

```
.background{ background-color: rgb(173,  
215, 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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