

Converting Colors

$Yxy(67.3352, 0.2673, 0.2875)$

Have a look what the booklet for
Yxy(67.3352, 0.2673, 0.2875)
contains.

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Color

Yxy(67.4301, 0.2673, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	B7DAFF
RGB	183, 218, 255
RGB Percent	72%, 85%, 100%
CMY	0.2823, 0.1451, 0.0001
CMYK	0.28, 0.14, 0.00, 0.00
HSL	211°, 100%, 86%
HSV	211°, 28%, 100%
XYZ	62.6488, 67.4301, 104.2975
YIQ	211.7530, -32.7370, 4.0870

Conversions

Conversions Part 2

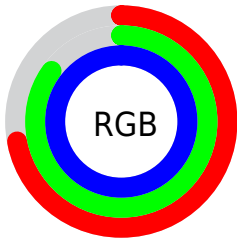
Format	Color
R _Y B	183, 207, 255
Decimal	12049151
CIE Lab	85.72, -3.31, -21.77
CIE LCh	86, 22.022, 261.350
Yxy	67.4301, 0.2673, 0.2877
Android (android.graphics.Color)	4290239231 (0xFFB7DAFF)
YUV	211.7530, 21.3208, -25.2164
Hunter-Lab	82.1158, -7.5193, -17.8247

Details

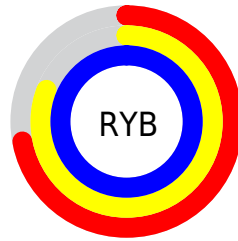
The Yxy color **67.4301, 0.2673, 0.2877** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.8542, 0.3646, 0.3670**, and the grayscale version is **65.5407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **34.8608, 0.2565, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **58.0557, 0.2507, 0.2702**, and if you desaturate by 10%, it is **77.9132, 0.2838, 0.3037**.

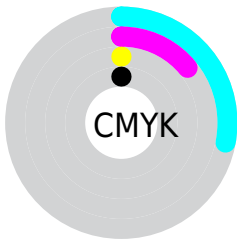
Distribution



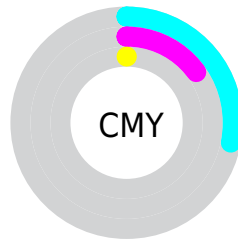
- Red (72%)
- Green (85%)
- Blue (100%)



- Red (72%)
- Yellow (81%)
- Blue (100%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4301, 0.2673, 0.2877 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 67.4301, 0.2673, 0.2877 by changing the saturation by 10% instead.

■ 67.4301, 0.2673,
0.2877

■ 67.4301, 0.2673,
0.2877

451.4742, 0.2883,
0.3070

■ 49.4342, 0.2625,
0.2833

■ 115.5365, 0.2746,
0.2944

■ 34.9641, 0.2567,
0.2778

146.4158, 0.2774,
0.2970

■ 23.6352, 0.2493,
0.2709

182.3584, 0.2798,
0.2993

■ 15.0632, 0.2397,
0.2619

223.7486, 0.2820,
0.3012

■ 8.8638, 0.2269,
0.2496

270.9709, 0.2838,
0.3029

■ 4.6524, 0.2088,
0.2322

324.4097, 0.2855,

■ 2.0448, 0.1818,

0.3044

0.2058

384.4493, 0.2870,
0.3058

0.6333, 0.1309,
0.1591

0.0000, 0.0000,
0.0000

67.4301, 0.2673,
0.2877

67.4301, 0.2673,
0.2877

58.0557, 0.2507,
0.2702

77.9132, 0.2838,
0.3037

49.7391, 0.2344,
0.2514

89.5372, 0.3000,
0.3182

42.4366, 0.2189,
0.2316

99.9983, 0.3127,
0.3290

36.0977, 0.2049,
0.2113

■ 30.6662, 0.1929,
0.1911

■ 26.0774, 0.1833,
0.1714

■ 22.2473, 0.1761,
0.1530

■ 21.6270, 0.1750,
0.1499

Harmonies

Analogous

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



67.4301, 0.2613, 0.3025



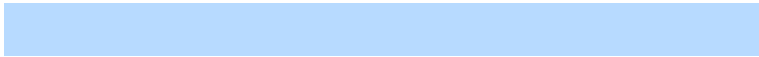
67.4301, 0.2673, 0.2877



67.4301, 0.2850, 0.2840

Triad

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



67.4301, 0.2673, 0.2877



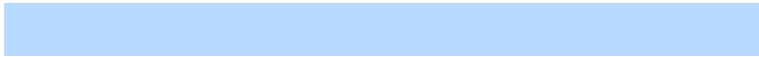
67.4301, 0.3590, 0.3293



67.4301, 0.3128, 0.3710

Complementary

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



67.4301, 0.2673, 0.2877



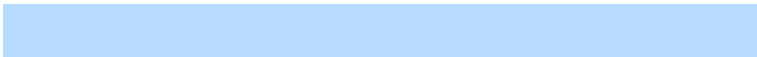
75.8542, 0.3646, 0.3670

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.



67.4301, 0.3395, 0.3775



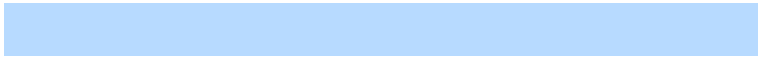
67.4301, 0.2673, 0.2877



67.4301, 0.3670, 0.3519

Square

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



67.4301, 0.2673, 0.2877



67.4301, 0.3381, 0.3076



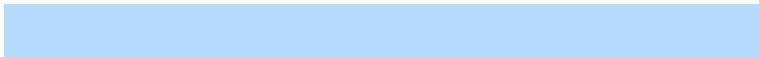
67.4301, 0.3596, 0.3699



67.4301, 0.2868, 0.3516

Rectangle

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



67.4301, 0.2673, 0.2877



67.4301, 0.3017, 0.2878



67.4301, 0.3596, 0.3699



67.4301, 0.3219, 0.3748

Sweetspot

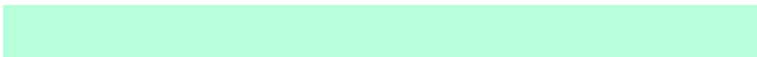
The Sweet Spot groups the original color and five complimentary colors.



67.4328, 0.2673, 0.2877



89.8283, 0.3003, 0.3185



86.6867, 0.2898, 0.3690



18.8357, 0.2979, 0.3165



0.0000, 0.0000, 0.0000



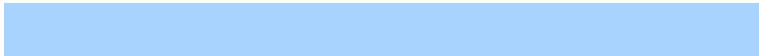
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4328, 0.2673, 0.2877



61.8962, 0.2577, 0.2778



51.1621, 0.2630, 0.2468



18.8357, 0.2979, 0.3165



11.5996, 0.1758, 0.1528



1.3471, 0.1816, 0.1737

Inverse Universe

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



60.1915, 0.3451, 0.2933



54.0520, 0.3540, 0.2857



96.1776, 0.3555, 0.3998



18.1343, 0.3218, 0.3175



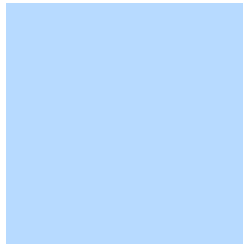
11.8989, 0.5023, 0.2541



1.1805, 0.4761, 0.2396

Previews

White Background



This preview shows how the Yxy color 67.4301, 0.2673, 0.2877 looks on a white background.

Color Contrast Check

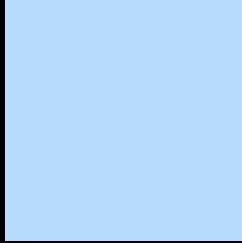
Large Text (above 18pt) WCAG AA × Fail

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 67.4301, 0.2673, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

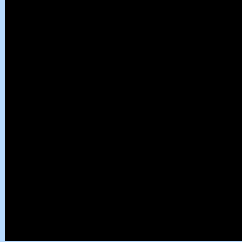
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

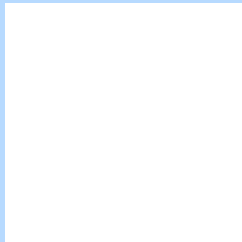
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4301, 0.2673, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 67.4301, 0.2673, 0.2877.



This preview shows how white text looks on a background with the Yxy color 67.4301, 0.2673, 0.2877.

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

67.4301, 0.2673, 0.2877

Protanopia

67.1738, 0.2834, 0.2867

Deuteranopia

66.9671, 0.2855, 0.2800



Tritanopia

67.4697, 0.2745, 0.3093

Trichromacy



Original Color

67.4301, 0.2673, 0.2877

Protanomaly

67.1272, 0.2778, 0.2873

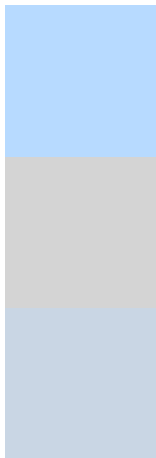
Deuteranomaly

66.8635, 0.2784, 0.2823

Tritanomaly

67.4214, 0.2717, 0.3016

Monochromacy



Original Color

67.4301, 0.2673, 0.2877

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1121, 0.2943, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4301, 0.2673, 0.2877 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(183, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 218, 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(183, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.4301, 0.2673, 0.2877 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(183, 218, 255) }
```

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

```
.border{ border-color:rgb(183, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4301, 0.2673, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 218, 255) }
```

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

```
.background{ background-color: rgb(183,  
218, 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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