

Converting Colors

$Yxy(67.5565, 0.2676, 0.2878)$

Have a look what the booklet for
Yxy(67.5565, 0.2676, 0.2878)
contains.

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Color

Yxy(67.5532, 0.2679, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	B8DAFF
RGB	184, 218, 255
RGB Percent	72%, 85%, 100%
CMY	0.2781, 0.1452, 0.0000
CMYK	0.28, 0.15, 0.00, 0.00
HSL	211°, 100%, 86%
HSV	211°, 28%, 100%
XYZ	62.9041, 67.5532, 104.3470
YIQ	212.0520, -32.1410, 4.2990

Conversions

Conversions Part 2

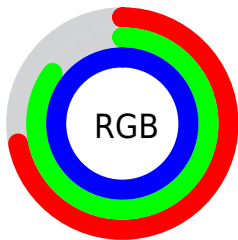
Format	Color
RYB	184, 207, 255
Decimal	12114687
CIELab	85.78, -2.99, -21.70
CIElCh	86, 21.901, 262.157
Yxy	67.5532, 0.2679, 0.2877
Android (android.graphics.Color)	4290304767 (0xFFB8DAFF)
YUV	212.0520, 21.1734, -24.6016
Hunter-Lab	82.1908, -7.2202, -17.7394

Details

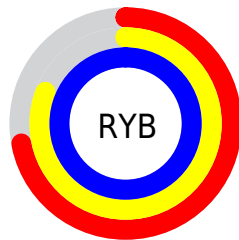
The Yxy color **67.5532, 0.2679, 0.2877** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.4857, 0.3636, 0.3670**, and the grayscale version is **65.7564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.9387, 0.2572, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **58.0554, 0.2512, 0.2700**, and if you desaturate by 10%, it is **78.1757, 0.2845, 0.3040**.

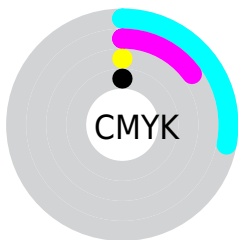
Distribution



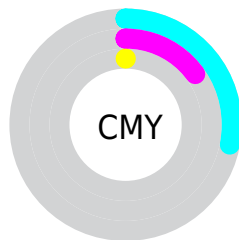
- Red (72%)
- Green (85%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5532, 0.2679, 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 67.5532, 0.2679, 0.2877 by changing the saturation by 10% instead.

■ 67.5532, 0.2679,
0.2877

■ 67.5532, 0.2679,
0.2877

451.9114, 0.2886,
0.3070

■ 49.5343, 0.2632,
0.2833

■ 115.7127, 0.2751,
0.2944

■ 35.0435, 0.2574,
0.2778

146.6222, 0.2779,
0.2970

■ 23.6964, 0.2501,
0.2709

182.5973, 0.2803,
0.2992

■ 15.1086, 0.2407,
0.2619

224.0224, 0.2824,
0.3012

■ 8.8956, 0.2280,
0.2498

271.2820, 0.2842,
0.3029

■ 4.6732, 0.2101,
0.2324

324.7604, 0.2858,

■ 2.0568, 0.1834,

0.3044

0.2061

384.8421, 0.2873,
0.3058

0.6402, 0.1336,
0.1598

0.0000, 0.0000,
0.0000

67.5532, 0.2679,
0.2877

67.5532, 0.2679,
0.2877

58.0554, 0.2512,
0.2700

78.1757, 0.2845,
0.3040

49.6347, 0.2348,
0.2509

89.9595, 0.3006,
0.3186

42.2457, 0.2192,
0.2308

100.0000, 0.3127,
0.3290

35.8373, 0.2050,
0.2102

■ 30.3529, 0.1928,
0.1897

■ 25.7274, 0.1829,
0.1697

■ 21.8785, 0.1756,
0.1511

■ 21.1176, 0.1742,
0.1472

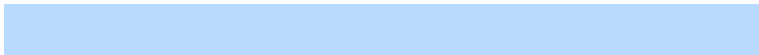
Harmonies

Analogous

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



67.5532, 0.2616, 0.3022



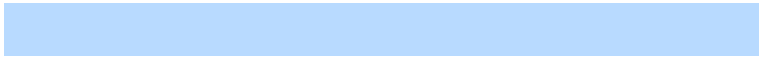
67.5532, 0.2679, 0.2877



67.5532, 0.2858, 0.2843

Triad

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



67.5532, 0.2679, 0.2877



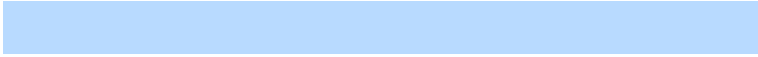
67.5532, 0.3592, 0.3300



67.5532, 0.3120, 0.3704

Complementary

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



67.5532, 0.2679, 0.2877



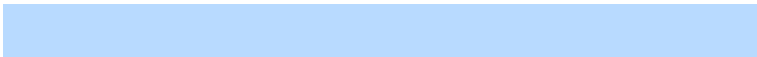
76.4857, 0.3636, 0.3670

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.



67.5532, 0.3387, 0.3772



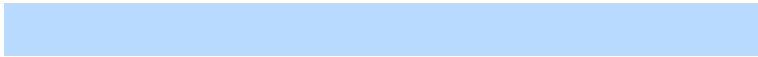
67.5532, 0.2679, 0.2877



67.5532, 0.3666, 0.3524

Square

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



67.5532, 0.2679, 0.2877



67.5532, 0.3386, 0.3083



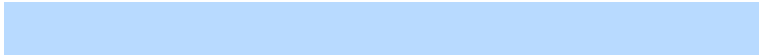
67.5532, 0.3589, 0.3700



67.5532, 0.2864, 0.3508

Rectangle

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



67.5532, 0.2679, 0.2877



67.5532, 0.3025, 0.2883



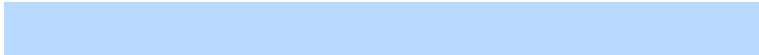
67.5532, 0.3589, 0.3700



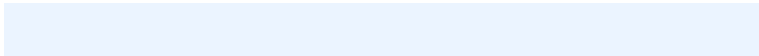
67.5532, 0.3212, 0.3743

Sweetspot

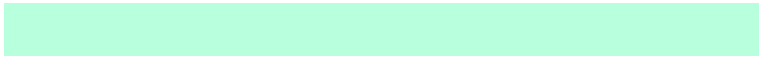
The Sweet Spot groups the original color and five complimentary colors.



67.5546, 0.2679, 0.2877



89.7282, 0.3003, 0.3184



86.9254, 0.2895, 0.3670



18.8105, 0.2979, 0.3163



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.



67.5546, 0.2679, 0.2877



62.4900, 0.2592, 0.2787



51.8795, 0.2647, 0.2484



18.8105, 0.2979, 0.3163



11.3293, 0.1750, 0.1501



1.3203, 0.1809, 0.1712

Inverse Universe

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



60.6341, 0.3450, 0.2944



55.0364, 0.3530, 0.2877



96.0204, 0.3541, 0.3990



18.1317, 0.3219, 0.3177



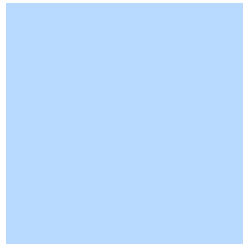
11.8717, 0.5057, 0.2560



1.1778, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 67.5532, 0.2679, 0.2877 looks on a white background.

Color Contrast Check

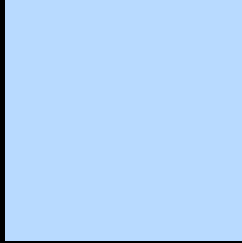
Large Text (above 18pt) WCAG AA × Fail

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 67.5532, 0.2679, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

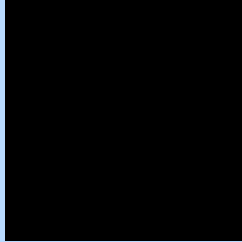
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

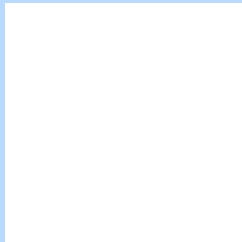
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5532, 0.2679, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 67.5532, 0.2679, 0.2877.



This preview shows how white text looks on a background with the Yxy color 67.5532, 0.2679, 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

67.5532, 0.2679, 0.2877

Protanopia

67.1738, 0.2834, 0.2867

Deuteranopia

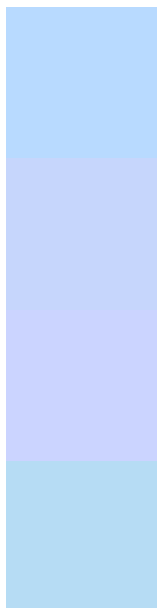
67.1171, 0.2862, 0.2801



Tritanopia

67.7097, 0.2758, 0.3094

Trichromacy



Original Color

67.5532, 0.2679, 0.2877

Protanomaly

67.1272, 0.2778, 0.2873

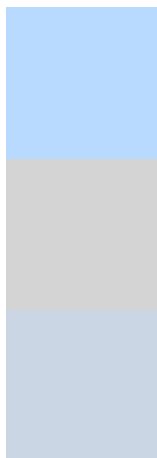
Deuteranomaly

67.0035, 0.2791, 0.2824

Tritanomaly

67.6631, 0.2729, 0.3017

Monochromacy



Original Color

67.5532, 0.2679, 0.2877

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2511, 0.2950, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5532, 0.2679, 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(184, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.5532, 0.2679, 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(184, 218, 255) }
```

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

```
.border{ border-color:rgb(184, 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(184, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5532, 0.2679, 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(184, 218, 255) }
```

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

```
.background{ background-color: rgb(184,  
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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