

Converting Colors

$Yxy(69.0590, 0.2688, 0.2922)$

Have a look what the booklet for
Yxy(69.0590, 0.2688, 0.2922)
contains.

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Color

Yxy(69.0590, 0.2688, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDFE
RGB	184, 221, 254
RGB Percent	72%, 87%, 100%
CMY	0.2781, 0.1334, 0.0039
CMYK	0.28, 0.13, 0.00, 0.00
HSL	208°, 97%, 86%
HSV	208°, 28%, 100%
XYZ	63.5286, 69.0590, 103.7539
YIQ	213.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

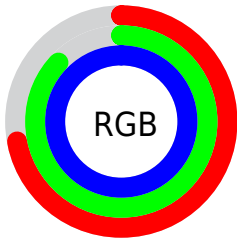
Format	Color
RYB	184, 208, 254
Decimal	12115454
CIELab	86.53, -4.79, -20.03
CIELCh	87, 20.592, 256.557
Yxy	69.0590, 0.2688, 0.2922
Android (android.graphics.Color)	4290305534 (0xFFB8DDFE)
YUV	213.6990, 19.8684, -26.0460
Hunter-Lab	83.1017, -8.9706, -15.8534

Details

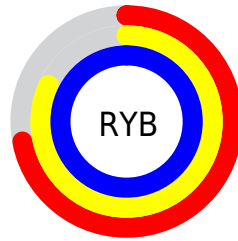
The Yxy color **69.0590, 0.2688, 0.2922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.2195, 0.3639, 0.3631**, and the grayscale version is **66.9243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **35.9708, 0.2585, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **60.0897, 0.2525, 0.2763**, and if you desaturate by 10%, it is **79.0498, 0.2851, 0.3068**.

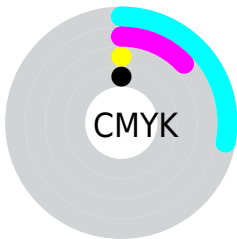
Distribution



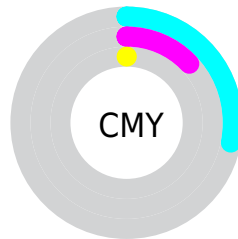
- Red (72%)
- Green (87%)
- Blue (100%)



- Red (72%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0590, 0.2688, 0.2922 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 69.0590, 0.2688, 0.2922 by changing the saturation by 10% instead.

■ 69.0590, 0.2688,
0.2922

■ 69.0590, 0.2688,
0.2922

457.2390, 0.2890,
0.3094

■ 50.7598, 0.2642,
0.2883

■ 117.8658, 0.2758,
0.2982

■ 36.0175, 0.2586,
0.2834

149.1422, 0.2785,
0.3005

■ 24.4477, 0.2515,
0.2772

185.5131, 0.2809,
0.3025

■ 15.6660, 0.2424,
0.2691

227.3629, 0.2829,
0.3042

■ 9.2881, 0.2301,
0.2581

275.0760, 0.2847,
0.3058

■ 4.9296, 0.2129,
0.2424

329.0368, 0.2863,

■ 2.2060, 0.1871,

0.3071

0.2185

389.6297, 0.2877,
0.3083

0.7233, 0.1401,
0.1776

0.0000, 0.0000,
0.0000

69.0590, 0.2688,
0.2922

69.0590, 0.2688,
0.2922

60.0897, 0.2525,
0.2763

79.0498, 0.2851,
0.3068

52.0941, 0.2367,
0.2592

90.0907, 0.3011,
0.3200

45.0323, 0.2218,
0.2412

99.9364, 0.3133,
0.3299

38.8577, 0.2083,
0.2226

■ 33.5182, 0.1967,
0.2039

■ 28.9541, 0.1873,
0.1856

■ 25.0899, 0.1804,
0.1682

■ 24.2177, 0.1789,
0.1640

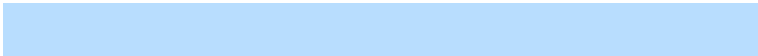
Harmonies

Analogous

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



69.0590, 0.2651, 0.3076



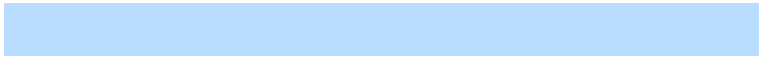
69.0590, 0.2688, 0.2922



69.0590, 0.2838, 0.2870

Triad

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



69.0590, 0.2688, 0.2922



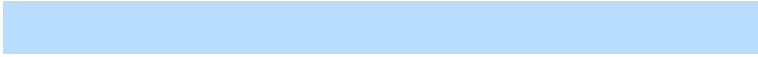
69.0590, 0.3532, 0.3260



69.0590, 0.3169, 0.3697

Complementary

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



69.0590, 0.2688, 0.2922



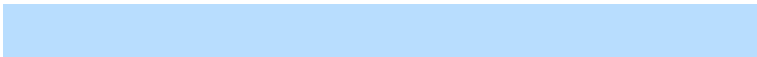
74.2195, 0.3639, 0.3631

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.



69.0590, 0.3412, 0.3736



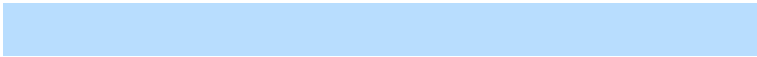
69.0590, 0.2688, 0.2922



69.0590, 0.3628, 0.3472

Square

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



69.0590, 0.2688, 0.2922



69.0590, 0.3325, 0.3062



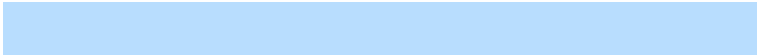
69.0590, 0.3582, 0.3649



69.0590, 0.2923, 0.3534

Rectangle

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



69.0590, 0.2688, 0.2922



69.0590, 0.2986, 0.2894



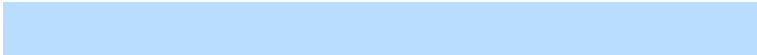
69.0590, 0.3582, 0.3649



69.0590, 0.3254, 0.3725

Sweetspot

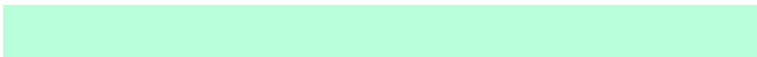
The Sweet Spot groups the original color and five complimentary colors.



69.0618, 0.2688, 0.2922



90.3401, 0.3003, 0.3194



86.0854, 0.2915, 0.3706



18.9645, 0.2979, 0.3175



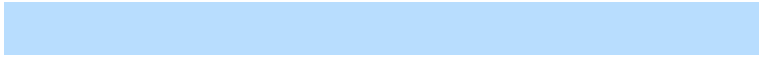
0.0000, 0.0000, 0.0000



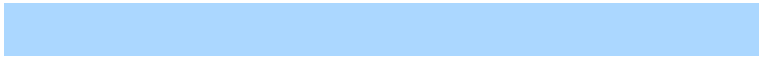
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0618, 0.2688, 0.2922



64.5924, 0.2599, 0.2836



52.6506, 0.2647, 0.2519



18.9645, 0.2979, 0.3175



13.0649, 0.1797, 0.1667



1.4910, 0.1852, 0.1865

Inverse Universe

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



60.6086, 0.3417, 0.2913



55.2486, 0.3493, 0.2835



93.9559, 0.3550, 0.3960



18.1473, 0.3211, 0.3165



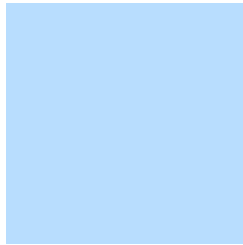
12.0469, 0.4847, 0.2444



1.1951, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 69.0590, 0.2688, 0.2922 looks on a white background.

Color Contrast Check

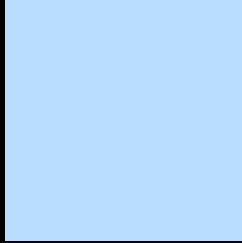
Large Text (above 18pt) WCAG AA × Fail

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 69.0590, 0.2688, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

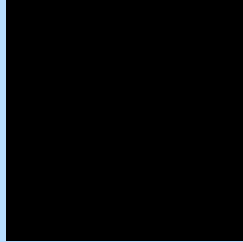
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

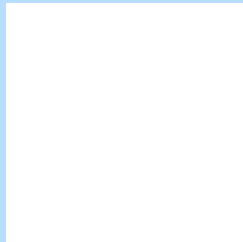
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0590, 0.2688, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 69.0590, 0.2688, 0.2922.

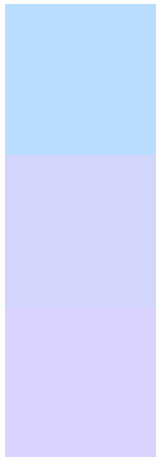


This preview shows how white text looks on a background with the Yxy color 69.0590, 0.2688, 0.2922.

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

69.0590, 0.2688, 0.2922

Protanopia

68.6969, 0.2868, 0.2902

Deuteranopia

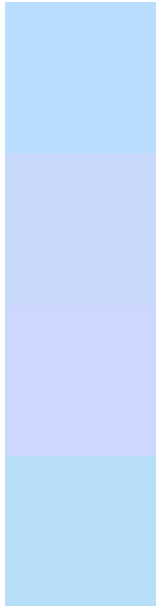
68.7140, 0.2890, 0.2826



Tritanopia

68.9500, 0.2743, 0.3084

Trichromacy



Original Color

69.0590, 0.2688, 0.2922

Protanomaly

69.0083, 0.2805, 0.2919

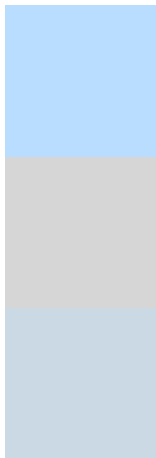
Deuteranomaly

68.9427, 0.2812, 0.2860

Tritanomaly

68.8415, 0.2720, 0.3018

Monochromacy



Original Color

69.0590, 0.2688, 0.2922

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9794, 0.2951, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0590, 0.2688, 0.2922 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, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 254)  
}
```

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, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 254) }
```

Border

The CSS property to change the border of an element to Yxy 69.0590, 0.2688, 0.2922 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, 221, 254) }
```

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

```
.border{ border-color:rgb(184, 221, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0590, 0.2688, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 254) }
```

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

```
.background{ background-color: rgb(184,  
221, 254) }
```

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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