

Converting Colors

Yxy(69.3686, 0.2662, 0.2849)

Have a look what the booklet for
Yxy(69.3686, 0.2662, 0.2849)
contains.

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Color

Yxy(68.8455, 0.2693, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	BADCFF
RGB	186, 220, 255
RGB Percent	73%, 86%, 100%
CMY	0.2706, 0.1372, 0.0001
CMYK	0.27, 0.14, 0.00, 0.00
HSL	210°, 100%, 86%
HSV	210°, 27%, 100%
XYZ	63.8873, 68.8455, 104.5019
YIQ	213.8240, -31.4990, 3.6770

Conversions

Conversions Part 2

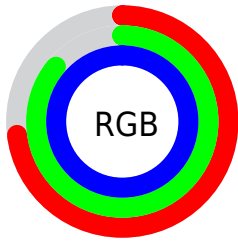
Format	Color
R _Y B	186, 209, 255
Decimal	12246271
CIE Lab	86.43, -3.51, -20.68
CIE LCh	86, 20.977, 260.368
Yxy	68.8455, 0.2693, 0.2902
Android (android.graphics.Color)	4290436351 (0xFFBADCF)
YUV	213.8240, 20.2998, -24.4016
Hunter-Lab	82.9732, -7.7625, -16.5925

Details

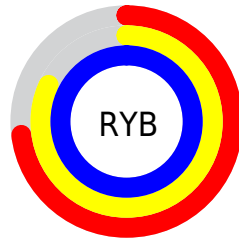
The Yxy color **68.8455, 0.2693, 0.2902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.4878, 0.3622, 0.3649**, and the grayscale version is **66.9977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **35.8128, 0.2591, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **59.4110, 0.2527, 0.2731**, and if you desaturate by 10%, it is **79.3797, 0.2858, 0.3058**.

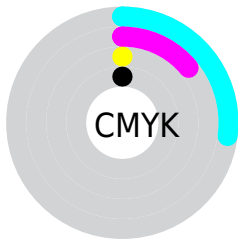
Distribution



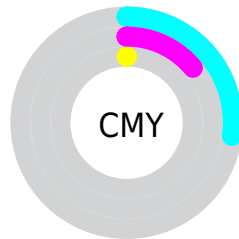
- Red (73%)
- Green (86%)
- Blue (100%)



- Red (73%)
- Yellow (82%)
- Blue (100%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8455, 0.2693, 0.2902 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 68.8455, 0.2693, 0.2902 by changing the saturation by 10% instead.


 68.8455, 0.2693,
0.2902

 68.8455, 0.2693,
0.2902

456.4859, 0.2893,
0.3083

 50.5859, 0.2648,
0.2861

 117.5609, 0.2762,
0.2965

 35.8792, 0.2592,
0.2810


148.7854, 0.2789,
0.2989

 24.3409, 0.2522,
0.2745


185.1004, 0.2812,
0.3010

 15.5867, 0.2431,
0.2661


226.8903, 0.2833,
0.3028

 9.2322, 0.2309,
0.2546

274.5393, 0.2850,
0.3045

 4.8929, 0.2138,
0.2384

328.4320, 0.2866,

 2.1846, 0.1882,

0.3059

0.2137

388.9527, 0.2880,
0.3071

0.7116, 0.1424,
0.1716

0.0000, 0.0000,
0.0000

68.8455, 0.2693,
0.2902

68.8455, 0.2693,
0.2902

59.4110, 0.2527,
0.2731

79.3797, 0.2858,
0.3058

51.0258, 0.2364,
0.2547

91.0446, 0.3018,
0.3200

43.6473, 0.2210,
0.2353

99.9980, 0.3127,
0.3290

37.2262, 0.2069,
0.2153

■ 31.7075, 0.1947,
0.1953

■ 27.0285, 0.1848,
0.1758

■ 23.1122, 0.1775,
0.1574

■ 22.0733, 0.1756,
0.1522

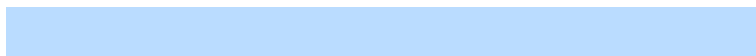
Harmonies

Analogous

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



68.8455, 0.2640, 0.3046



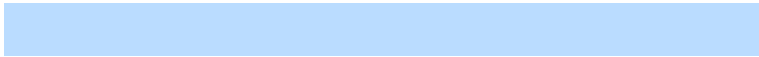
68.8455, 0.2693, 0.2902



68.8455, 0.2858, 0.2863

Triad

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



68.8455, 0.2693, 0.2902



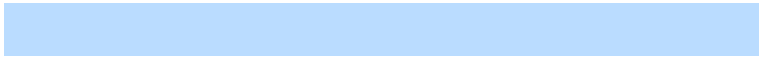
68.8455, 0.3560, 0.3287



68.8455, 0.3137, 0.3691

Complementary

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



68.8455, 0.2693, 0.2902



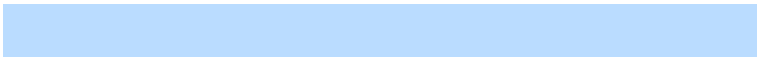
76.4878, 0.3622, 0.3649

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.



68.8455, 0.3388, 0.3748



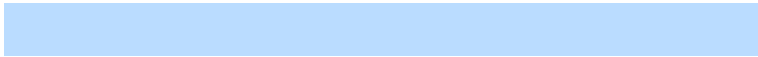
68.8455, 0.2693, 0.2902



68.8455, 0.3640, 0.3501

Square

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



68.8455, 0.2693, 0.2902



68.8455, 0.3360, 0.3081



68.8455, 0.3575, 0.3673



68.8455, 0.2890, 0.3511

Rectangle

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



68.8455, 0.2693, 0.2902



68.8455, 0.3015, 0.2896



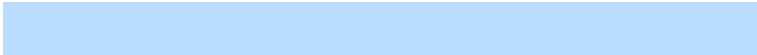
68.8455, 0.3575, 0.3673



68.8455, 0.3224, 0.3725

Sweetspot

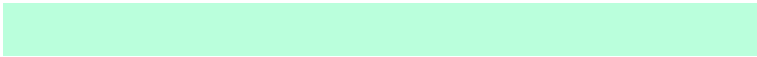
The Sweet Spot groups the original color and five complimentary colors.



68.8483, 0.2693, 0.2902



89.9137, 0.3003, 0.3187



87.1317, 0.2906, 0.3671



18.8572, 0.2979, 0.3166



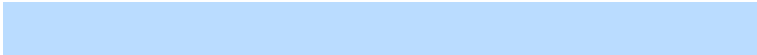
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



68.8483, 0.2693, 0.2902



64.0618, 0.2611, 0.2819



52.7723, 0.2654, 0.2508



18.8572, 0.2979, 0.3166



11.8344, 0.1764, 0.1551



1.3704, 0.1822, 0.1758

Inverse Universe

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



61.5378, 0.3430, 0.2944



56.1375, 0.3503, 0.2877



96.2995, 0.3538, 0.3969



18.1364, 0.3216, 0.3173



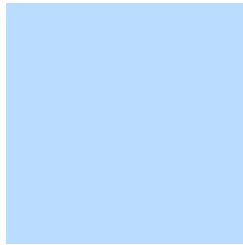
11.9226, 0.4993, 0.2524



1.1829, 0.4735, 0.2382

Previews

White Background



This preview shows how the Yxy color 68.8455, 0.2693, 0.2902 looks on a white background.

Color Contrast Check

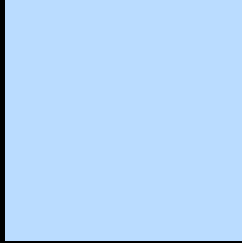
Large Text (above 18pt) WCAG AA × Fail

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 68.8455, 0.2693, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

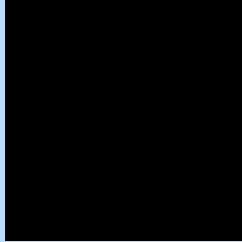
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

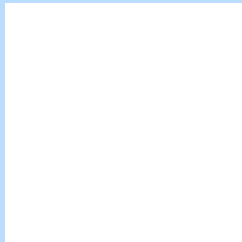
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8455, 0.2693, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 68.8455, 0.2693, 0.2902.



This preview shows how white text looks on a background with the Yxy color 68.8455, 0.2693, 0.2902.

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

68.8455, 0.2693, 0.2902

Protanopia

68.6135, 0.2855, 0.2891

Deuteranopia

68.5602, 0.2883, 0.2825



Tritanopia

68.6011, 0.2760, 0.3084

Trichromacy



Original Color

68.8455, 0.2693, 0.2902

Protanomaly

68.5575, 0.2798, 0.2897

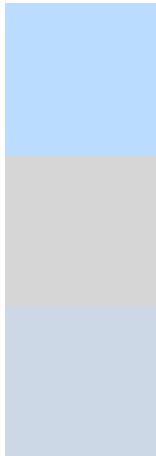
Deuteranomaly

68.4349, 0.2812, 0.2849

Tritanomaly

68.4958, 0.2737, 0.3018

Monochromacy



Original Color

68.8455, 0.2693, 0.2902

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6062, 0.2958, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8455, 0.2693, 0.2902 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(186, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 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(186, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.8455, 0.2693, 0.2902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

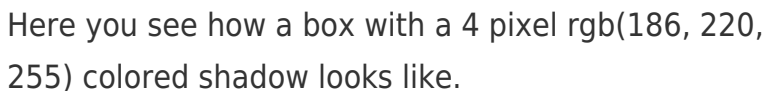
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 220, 255) }
```

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

```
.border{ border-color:rgb(186, 220, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 220, 255); box-shadow:4px 4px 4px 4px rgb(186, 220, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8455, 0.2693, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 255) }
```

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

```
.background{ background-color: rgb(186,  
220, 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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