

Converting Colors

Yxy(67.7241, 0.2692, 0.2918)

Have a look what the booklet for
Yxy(67.7241, 0.2692, 0.2918)
contains.

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Color

Yxy(67.7586, 0.2690, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	B7DBFC
RGB	183, 219, 252
RGB Percent	72%, 86%, 99%
CMY	0.2825, 0.1411, 0.0118
CMYK	0.27, 0.13, 0.00, 0.01
HSL	209°, 92%, 85%
HSV	209°, 27%, 99%
XYZ	62.4215, 67.7586, 101.8700
YIQ	211.9980, -32.0490, 2.6310

Conversions

Conversions Part 2

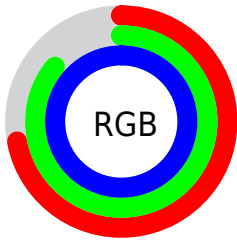
Format	Color
R _Y B	183, 207, 252
Decimal	12049404
CIE Lab	85.89, -4.55, -19.95
CIE LCh	86, 20.458, 257.150
Yxy	67.7586, 0.2690, 0.2920
Android (android.graphics.Color)	4290239484 (0xFFB7DBFC)
YUV	211.9980, 19.7210, -25.4312
Hunter-Lab	82.3156, -8.6925, -15.7536

Details

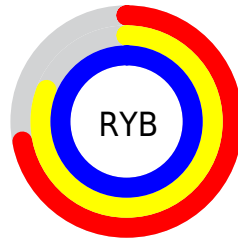
The Yxy color **67.7586, 0.2690, 0.2920** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1867, 0.3635, 0.3633**, and the grayscale version is **65.7163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **35.0802, 0.2587, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **58.8882, 0.2527, 0.2759**, and if you desaturate by 10%, it is **77.6416, 0.2853, 0.3067**.

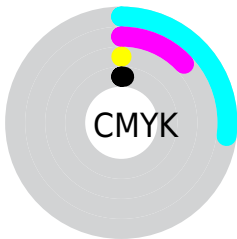
Distribution



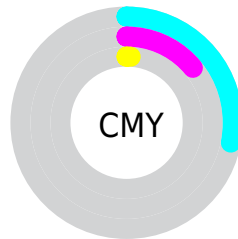
- Red (72%)
- Green (86%)
- Blue (99%)



- Red (72%)
- Yellow (81%)
- Blue (99%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)




- Cyan (28%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7586, 0.2690, 0.2920 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 67.7586, 0.2690, 0.2920 by changing the saturation by 10% instead.

 67.7586, 0.2690,
0.2920

 67.7586, 0.2690,
0.2920


452.6402, 0.2892,
0.3093

 49.7014, 0.2644,
0.2880


 116.0067, 0.2760,
0.2980

 35.1762, 0.2588,
0.2831


146.9664, 0.2787,
0.3004

 23.7986, 0.2517,
0.2768


182.9957, 0.2811,
0.3024

 15.1843, 0.2424,
0.2686

224.4790, 0.2831,
0.3042

 8.9488, 0.2300,
0.2574

271.8008, 0.2849,
0.3057

 4.7078, 0.2125,
0.2413

325.3453, 0.2865,

 2.0769, 0.1862,

0.3070

0.2167

385.4970, 0.2879,
0.3083

0.6516, 0.1348,
0.1728

0.0000, 0.0000,
0.0000

67.7586, 0.2690,
0.2920

67.7586, 0.2690,
0.2920

58.8882, 0.2527,
0.2759

77.6416, 0.2853,
0.3067

50.9833, 0.2368,
0.2586

88.5657, 0.3013,
0.3201

44.0045, 0.2218,
0.2404

99.8073, 0.3145,
0.3319

37.9057, 0.2082,
0.2216

■ 32.6356, 0.1965,
0.2027

■ 28.1354, 0.1870,
0.1842

■ 24.3312, 0.1800,
0.1666

■ 23.4273, 0.1784,
0.1622

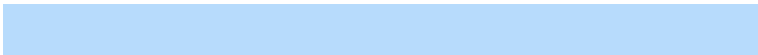
Harmonies

Analogous

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



67.7586, 0.2651, 0.3072



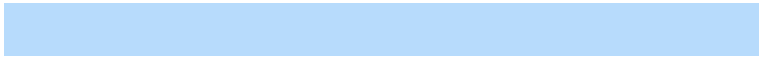
67.7586, 0.2690, 0.2920



67.7586, 0.2842, 0.2870

Triad

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



67.7586, 0.2690, 0.2920



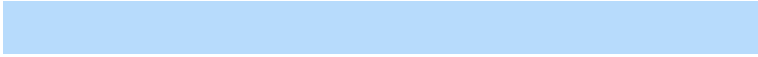
67.7586, 0.3535, 0.3264



67.7586, 0.3164, 0.3695

Complementary

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



67.7586, 0.2690, 0.2920



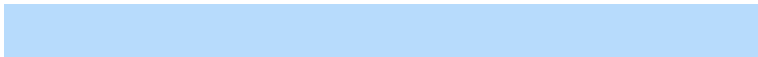
73.1867, 0.3635, 0.3633

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.



67.7586, 0.3407, 0.3737



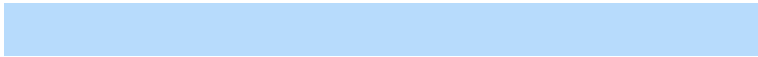
67.7586, 0.2690, 0.2920



67.7586, 0.3628, 0.3476

Square

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



67.7586, 0.2690, 0.2920



67.7586, 0.3329, 0.3066



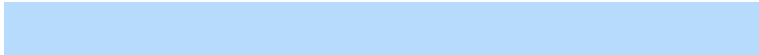
67.7586, 0.3579, 0.3651



67.7586, 0.2918, 0.3530

Rectangle

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



67.7586, 0.2690, 0.2920



67.7586, 0.2991, 0.2895



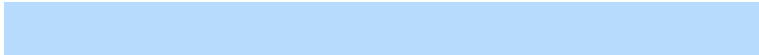
67.7586, 0.3579, 0.3651



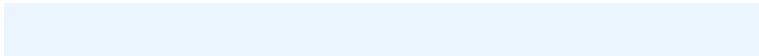
67.7586, 0.3249, 0.3724

Sweetspot

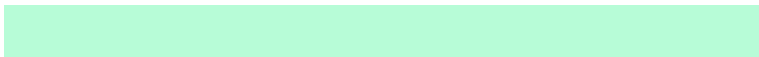
The Sweet Spot groups the original color and five complimentary colors.



67.7613, 0.2690, 0.2920



90.2738, 0.3003, 0.3193



84.5889, 0.2916, 0.3703



18.9479, 0.2979, 0.3174



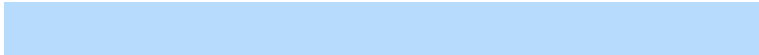
0.0000, 0.0000, 0.0000



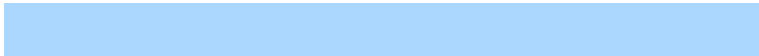
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7613, 0.2690, 0.2920



64.3626, 0.2598, 0.2831



51.8986, 0.2650, 0.2524



18.1433, 0.2980, 0.3174



12.5027, 0.1792, 0.1651



1.3703, 0.1850, 0.1859

Inverse Universe

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



59.6597, 0.3418, 0.2919



55.2255, 0.3497, 0.2840



92.2846, 0.3548, 0.3956



17.3767, 0.3212, 0.3167



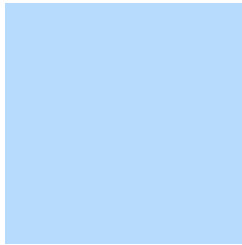
11.6731, 0.4868, 0.2455



1.1026, 0.4615, 0.2316

Previews

White Background



This preview shows how the Yxy color 67.7586, 0.2690, 0.2920 looks on a white background.

Color Contrast Check

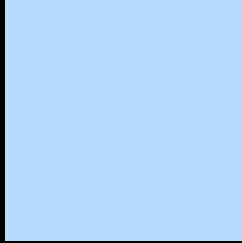
Large Text (above 18pt) WCAG AA × Fail

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 67.7586, 0.2690, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

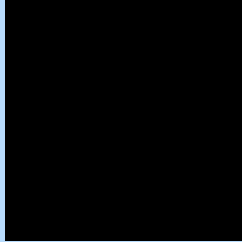
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

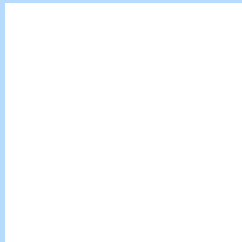
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7586, 0.2690, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 67.7586, 0.2690, 0.2920.

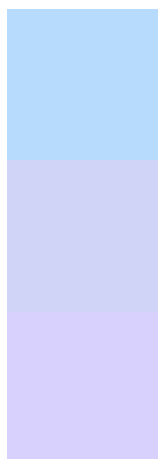


This preview shows how white text looks on a background with the Yxy color 67.7586, 0.2690, 0.2920.

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

67.7586, 0.2690, 0.2920

Protanopia

67.7757, 0.2866, 0.2910

Deuteranopia

67.3556, 0.2881, 0.2812



Tritanopia

67.6482, 0.2746, 0.3083

Trichromacy



Original Color

67.7586, 0.2690, 0.2920

Protanomaly

67.5825, 0.2802, 0.2916

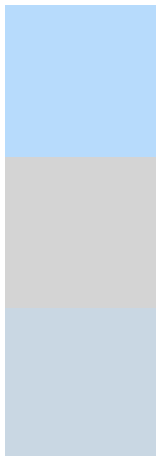
Deuteranomaly

67.5177, 0.2810, 0.2856

Tritanomaly

67.5418, 0.2723, 0.3016

Monochromacy



Original Color

67.7586, 0.2690, 0.2920

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5644, 0.2950, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7586, 0.2690, 0.2920 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, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(183, 219, 252)  
}
```

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, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 219, 252) }
```

Border

The CSS property to change the border of an element to Yxy 67.7586, 0.2690, 0.2920 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, 219, 252) }
```

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

```
.border{ border-color:rgb(183, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(183, 219,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7586, 0.2690, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 219, 252) }
```

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

```
.background{ background-color: rgb(183,  
219, 252) }
```

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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