

Converting Colors

$Yxy(65.4087, 0.2691, 0.2893)$

Have a look what the booklet for
Yxy(65.4087, 0.2691, 0.2893)
contains.

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Color

Yxy(65.4481, 0.2690, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	B6D7FA
RGB	182, 215, 250
RGB Percent	71%, 84%, 98%
CMY	0.2865, 0.1568, 0.0196
CMYK	0.27, 0.14, 0.00, 0.02
HSL	211°, 87%, 85%
HSV	211°, 27%, 98%
XYZ	60.8346, 65.4481, 99.8683
YIQ	209.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

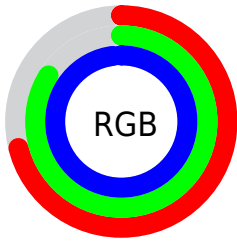
Format	Color
R _Y B	182, 204, 250
Decimal	11982842
CIE Lab	84.71, -3.21, -20.68
CIE LCh	85, 20.924, 261.162
Yxy	65.4481, 0.2690, 0.2894
Android (android.graphics.Color)	4290172922 (0xFFB6D7FA)
YUV	209.1230, 20.1524, -23.7869
Hunter-Lab	80.9000, -7.3478, -16.5615

Details

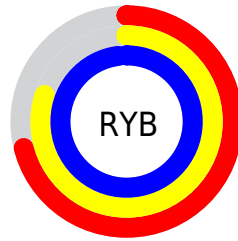
The Yxy color **65.4481, 0.2690, 0.2894** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.2788, 0.3624, 0.3655**, and the grayscale version is **63.7201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **33.5811, 0.2592, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **56.3863, 0.2524, 0.2721**, and if you desaturate by 10%, it is **75.5722, 0.2855, 0.3053**.

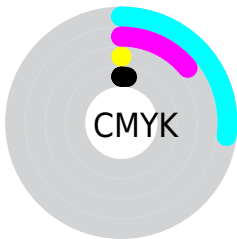
Distribution



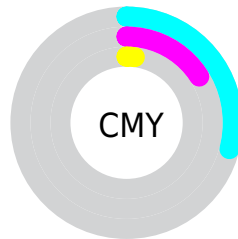
- Red (71%)
- Green (84%)
- Blue (98%)



- Red (71%)
- Yellow (80%)
- Blue (98%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4481, 0.2690, 0.2894 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 65.4481, 0.2690, 0.2894 by changing the saturation by 10% instead.

■ 65.4481, 0.2690,
0.2894

■ 65.4481, 0.2690,
0.2894

444.4005, 0.2893,
0.3080

■ 47.8245, 0.2644,
0.2851

■ 112.6938, 0.2761,
0.2959

■ 33.6879, 0.2586,
0.2798

143.0848, 0.2788,
0.2984

■ 22.6540, 0.2514,
0.2730

178.5003, 0.2812,
0.3006

■ 14.3382, 0.2419,
0.2642

219.3248, 0.2832,
0.3024

■ 8.3563, 0.2292,
0.2521

265.9427, 0.2850,
0.3041

■ 4.3238, 0.2110,
0.2347

318.7383, 0.2866,

■ 1.8563, 0.1836,

0.3055

0.2079

378.0961, 0.2880,
0.3068

0.5219, 0.1235,
0.1544

0.0000, 0.0000,
0.0000

65.4481, 0.2690,
0.2894

65.4481, 0.2690,
0.2894

56.3863, 0.2524,
0.2721

75.5722, 0.2855,
0.3053

48.3383, 0.2360,
0.2534

86.7890, 0.3015,
0.3196

41.2630, 0.2205,
0.2337

98.7685, 0.3157,
0.3324

35.1126, 0.2063,
0.2135

99.6822, 0.3156,
0.3338

■ 29.8343, 0.1941,
0.1932

■ 25.3675, 0.1842,
0.1735

■ 21.6373, 0.1768,
0.1549

■ 20.7059, 0.1750,
0.1500

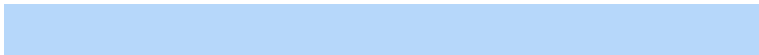
Harmonies

Analogous

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



65.4481, 0.2633, 0.3038



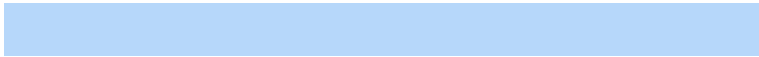
65.4481, 0.2690, 0.2894



65.4481, 0.2860, 0.2857

Triad

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



65.4481, 0.2690, 0.2894



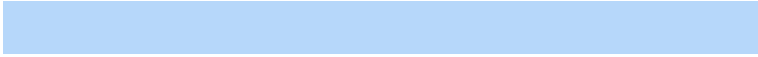
65.4481, 0.3571, 0.3292



65.4481, 0.3130, 0.3693

Complementary

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



65.4481, 0.2690, 0.2894



73.2788, 0.3624, 0.3655

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.



65.4481, 0.3386, 0.3755



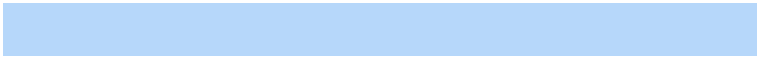
65.4481, 0.2690, 0.2894



65.4481, 0.3647, 0.3510

Square

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



65.4481, 0.2690, 0.2894



65.4481, 0.3370, 0.3083



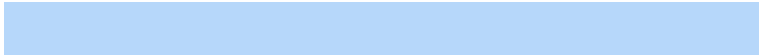
65.4481, 0.3578, 0.3682



65.4481, 0.2880, 0.3508

Rectangle

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



65.4481, 0.2690, 0.2894



65.4481, 0.3020, 0.2893



65.4481, 0.3578, 0.3682



65.4481, 0.3218, 0.3729

Sweetspot

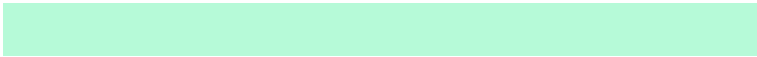
The Sweet Spot groups the original color and five complimentary colors.



65.4507, 0.2690, 0.2894



89.8270, 0.3003, 0.3185



83.2645, 0.2905, 0.3674



18.8354, 0.2979, 0.3165



0.0000, 0.0000, 0.0000



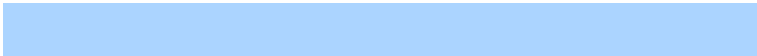
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4507, 0.2690, 0.2894



62.8265, 0.2593, 0.2795



50.2671, 0.2651, 0.2503



18.0359, 0.2980, 0.3165



11.2687, 0.1758, 0.1529



1.2550, 0.1819, 0.1749

Inverse Universe

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



58.6596, 0.3436, 0.2946



55.0704, 0.3524, 0.2870



92.0703, 0.3540, 0.3972



17.3658, 0.3217, 0.3175



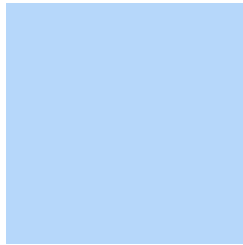
11.5485, 0.5021, 0.2540



1.0909, 0.4747, 0.2389

Previews

White Background



This preview shows how the Yxy color 65.4481, 0.2690, 0.2894 looks on a white background.

Color Contrast Check

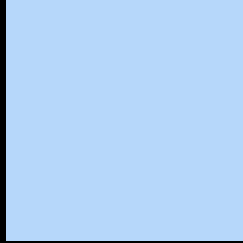
Large Text (above 18pt) WCAG AA × Fail

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 65.4481, 0.2690, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

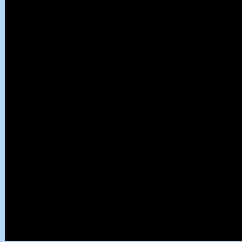
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

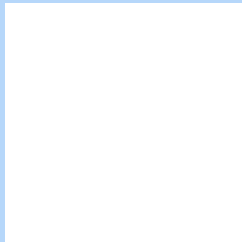
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4481, 0.2690, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 65.4481, 0.2690, 0.2894.



This preview shows how white text looks on a background with the Yxy color 65.4481, 0.2690, 0.2894.

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

65.4481, 0.2690, 0.2894

Protanopia

65.0921, 0.2849, 0.2883

Deuteranopia

65.1679, 0.2865, 0.2796



Tritanopia

65.7247, 0.2759, 0.3092

Trichromacy



Original Color

65.4481, 0.2690, 0.2894

Protanomaly

65.0397, 0.2792, 0.2889

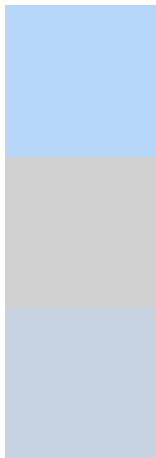
Deuteranomaly

64.9835, 0.2799, 0.2829

Tritanomaly

65.6203, 0.2736, 0.3025

Monochromacy



Original Color

65.4481, 0.2690, 0.2894

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1125, 0.2954, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4481, 0.2690, 0.2894 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(182, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 250)  
}
```

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(182, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 250) }
```

Border

The CSS property to change the border of an element to Yxy 65.4481, 0.2690, 0.2894 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(182, 215, 250) }
```

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

```
.border{ border-color:rgb(182, 215, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 215, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4481, 0.2690, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 250) }
```

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

```
.background{ background-color: rgb(182,  
215, 250) }
```

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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