

Converting Colors

$Yxy(66.0571, 0.2726, 0.2853)$

Have a look what the booklet for
Yxy(66.0571, 0.2726, 0.2853)
contains.

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Color

Yxy(66.2613, 0.2728, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	BFD6FD
RGB	191, 214, 253
RGB Percent	75%, 84%, 99%
CMY	0.2509, 0.1608, 0.0078
CMYK	0.24, 0.15, 0.00, 0.01
HSL	218°, 94%, 87%
HSV	218°, 24%, 99%
XYZ	63.2695, 66.2613, 102.3954
YIQ	211.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

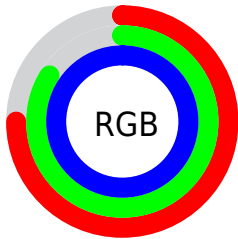
Format	Color
R _Y B	191, 208, 253
Decimal	12572413
CIE Lab	85.13, 0.67, -21.58
CIE LCh	85, 21.595, 271.773
Yxy	66.2613, 0.2728, 0.2857
Android (android.graphics.Color)	4290762493 (0xFFBFD6FD)
YUV	211.5690, 20.4255, -18.0390
Hunter-Lab	81.4010, -3.7116, -17.6009

Details

The Yxy color **66.2613, 0.2728, 0.2857** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2722, 0.3550, 0.3688**, and the grayscale version is **65.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **34.0160, 0.2631, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **55.5893, 0.2552, 0.2647**, and if you desaturate by 10%, it is **78.2937, 0.2898, 0.3048**.

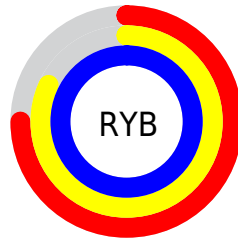
Distribution



Red (75%)

Green (84%)

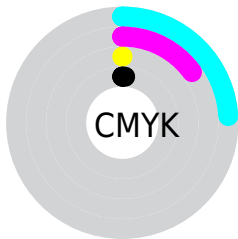
Blue (99%)



Red (75%)

Yellow (82%)

Blue (99%)

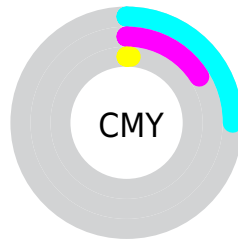


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (16%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2613, 0.2728, 0.2857 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 66.2613, 0.2728, 0.2857 by changing the saturation by 10% instead.

■ 66.2613, 0.2728,
0.2857

■ 66.2613, 0.2728,
0.2857

447.3108, 0.2914,
0.3058

■ 48.4846, 0.2685,
0.2811

■ 113.8613, 0.2793,
0.2927

■ 34.2108, 0.2633,
0.2754

144.4533, 0.2818,
0.2954

■ 23.0556, 0.2567,
0.2683

180.0859, 0.2839,
0.2977

■ 14.6345, 0.2480,
0.2589

221.1434, 0.2858,
0.2998

■ 8.5633, 0.2363,
0.2463

268.0103, 0.2875,
0.3016

■ 4.4575, 0.2196,
0.2284

321.0708, 0.2889,

■ 1.9326, 0.1943,

0.3031

0.2014

380.7096, 0.2902,
0.3046

0.5679, 0.1470,
0.1502

0.0000, 0.0000,
0.0000

66.2613, 0.2728,
0.2857

66.2613, 0.2728,
0.2857

55.5893, 0.2552,
0.2647

78.2937, 0.2898,
0.3048

46.2181, 0.2375,
0.2419

91.7271, 0.3058,
0.3219

38.0950, 0.2201,
0.2179

99.8728, 0.3139,
0.3309

31.1602, 0.2039,
0.1932

■ 25.3482, 0.1895,
0.1688

■ 20.5854, 0.1777,
0.1457

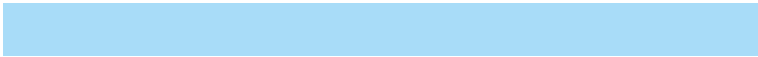
■ 16.7860, 0.1689,
0.1248

■ 15.0504, 0.1651,
0.1145

Harmonies

Analogous

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



66.2613, 0.2626, 0.2967



66.2613, 0.2728, 0.2857



66.2613, 0.2936, 0.2860

Triad

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



66.2613, 0.2728, 0.2857



66.2613, 0.3628, 0.3373



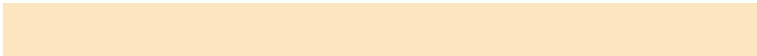
66.2613, 0.3034, 0.3650

Complementary

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



66.2613, 0.2728, 0.2857



81.2722, 0.3550, 0.3688

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.



66.2613, 0.3303, 0.3762



66.2613, 0.2728, 0.2857



66.2613, 0.3654, 0.3586

Square

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



66.2613, 0.2728, 0.2857



66.2613, 0.3461, 0.3149



66.2613, 0.3532, 0.3733



66.2613, 0.2797, 0.3428

Rectangle

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



66.2613, 0.2728, 0.2857



66.2613, 0.3112, 0.2920



66.2613, 0.3532, 0.3733



66.2613, 0.3124, 0.3702

Sweetspot

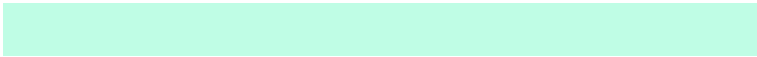
The Sweet Spot groups the original color and five complimentary colors.



66.2640, 0.2728, 0.2857



89.8089, 0.3019, 0.3178



87.0124, 0.2888, 0.3549



19.0420, 0.3009, 0.3168



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.



66.2640, 0.2728, 0.2857



62.3789, 0.2649, 0.2764



56.4106, 0.2755, 0.2602



18.4799, 0.2979, 0.3136



8.2599, 0.1660, 0.1174



1.0049, 0.1722, 0.1399

Inverse Universe

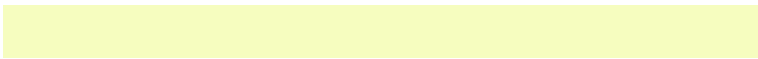
The Inverse Universe completely reimagines the original color for something new.



63.0164, 0.3455, 0.3054



58.9041, 0.3535, 0.3008



93.5772, 0.3450, 0.3914



18.0984, 0.3236, 0.3202



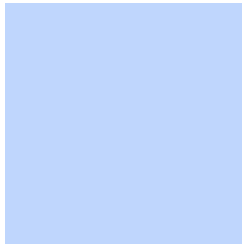
11.5618, 0.5503, 0.2805



1.1460, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 66.2613, 0.2728, 0.2857 looks on a white background.

Color Contrast Check

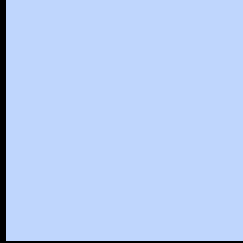
Large Text (above 18pt) WCAG AA × Fail

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 66.2613, 0.2728, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

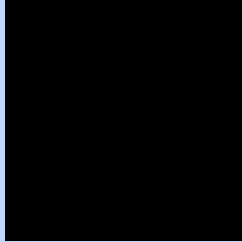
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

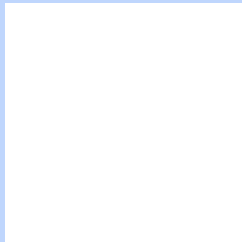
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2613, 0.2728, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 66.2613, 0.2728, 0.2857.



This preview shows how white text looks on a background with the Yxy color 66.2613, 0.2728, 0.2857.

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

66.2613, 0.2728, 0.2857

Protanopia

65.8956, 0.2820, 0.2843

Deuteranopia

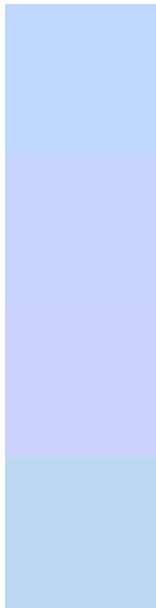
66.2646, 0.2854, 0.2798



Tritanopia

66.1310, 0.2815, 0.3094

Trichromacy



Original Color

66.2613, 0.2728, 0.2857

Protanomaly

65.7589, 0.2782, 0.2840

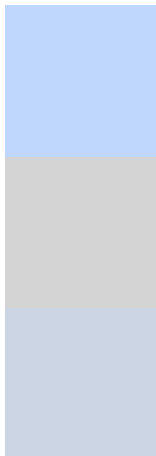
Deuteranomaly

66.0863, 0.2802, 0.2812

Tritanomaly

66.1540, 0.2779, 0.3006

Monochromacy



Original Color

66.2613, 0.2728, 0.2857

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9719, 0.2970, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2613, 0.2728, 0.2857 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(191, 214, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 253)  
}
```

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(191, 214, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 253) }
```

Border

The CSS property to change the border of an element to Yxy 66.2613, 0.2728, 0.2857 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(191, 214, 253) }
```

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

```
.border{ border-color:rgb(191, 214, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 214, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 253);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2613, 0.2728, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 253) }
```

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

```
.background{ background-color: rgb(191,  
214, 253) }
```

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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