

Converting Colors

$Yxy(69.5252, 0.2747, 0.2895)$

Have a look what the booklet for
Yxy(69.5252, 0.2747, 0.2895)
contains.

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Color

Yxy(69.4851, 0.2746, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	C3DBFF
RGB	195, 219, 255
RGB Percent	76%, 86%, 100%
CMY	0.2354, 0.1411, 0.0000
CMYK	0.24, 0.14, 0.00, 0.00
HSL	216°, 100%, 88%
HSV	216°, 24%, 100%
XYZ	65.8861, 69.4851, 104.5636
YIQ	215.9280, -25.8600, 6.1080

Conversions

Conversions Part 2

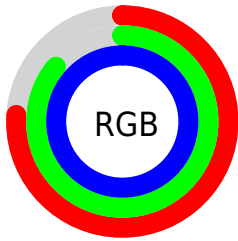
Format	Color
R _Y B	195, 212, 255
Decimal	12835839
CIE Lab	86.74, -0.35, -20.18
CIE LCh	87, 20.178, 269.000
Yxy	69.4851, 0.2746, 0.2896
Android (android.graphics.Color)	4291025919 (0xFFC3DBFF)
YUV	215.9280, 19.2625, -18.3539
Hunter-Lab	83.3577, -4.7893, -16.0227

Details

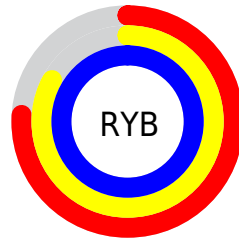
The Yxy color **69.4851, 0.2746, 0.2896** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3386, 0.3535, 0.3654**, and the grayscale version is **68.4962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **36.2036, 0.2656, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **58.7584, 0.2573, 0.2698**, and if you desaturate by 10%, it is **81.5278, 0.2914, 0.3076**.

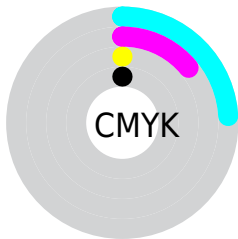
Distribution



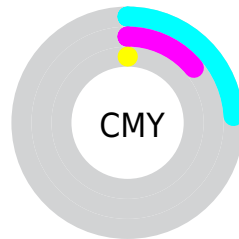
- Red (76%)
- Green (86%)
- Blue (100%)



- Red (76%)
- Yellow (83%)
- Blue (100%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4851, 0.2746, 0.2896 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 69.4851, 0.2746, 0.2896 by changing the saturation by 10% instead.

■ 69.4851, 0.2746,
0.2896

■ 69.4851, 0.2746,
0.2896

■ 458.7400, 0.2922,
0.3078

■ 51.1069, 0.2706,
0.2855

■ 118.4742, 0.2807,
0.2959

■ 36.2937, 0.2657,
0.2804

■ 149.8538, 0.2831,
0.2984

■ 24.6611, 0.2595,
0.2739

■ 186.3361, 0.2851,
0.3005

■ 15.8247, 0.2514,
0.2656

■ 228.3053, 0.2869,
0.3023

■ 9.4002, 0.2406,
0.2543

■ 276.1459, 0.2885,
0.3039

■ 5.0031, 0.2253,
0.2384

■ 330.2423, 0.2898,

■ 2.2491, 0.2022,

0.3054

0.2143

390.9789, 0.2911,
0.3067

0.7466, 0.1631,
0.1737

0.0000, 0.0000,
0.0000

69.4851, 0.2746,
0.2896

69.4851, 0.2746,
0.2896

58.7584, 0.2573,
0.2698

81.5278, 0.2914,
0.3076

49.2943, 0.2399,
0.2483

94.9285, 0.3073,
0.3237

41.0416, 0.2228,
0.2255

100.0000, 0.3127,
0.3290

33.9436, 0.2069,
0.2020

■ 27.9380, 0.1927,
0.1785

■ 22.9548, 0.1809,
0.1559

■ 18.9129, 0.1719,
0.1351

■ 16.7363, 0.1675,
0.1229

Harmonies

Analogous

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



69.4851, 0.2662, 0.3007



69.4851, 0.2746, 0.2896



69.4851, 0.2931, 0.2888

Triad

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



69.4851, 0.2746, 0.2896



69.4851, 0.3578, 0.3348



69.4851, 0.3065, 0.3634

Complementary

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



69.4851, 0.2746, 0.2896



82.3386, 0.3535, 0.3654

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.



69.4851, 0.3312, 0.3726



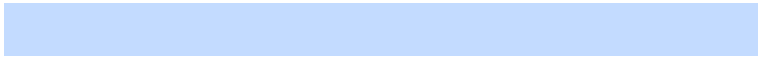
69.4851, 0.2746, 0.2896



69.4851, 0.3615, 0.3547

Square

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



69.4851, 0.2746, 0.2896



69.4851, 0.3414, 0.3143



69.4851, 0.3515, 0.3690



69.4851, 0.2841, 0.3438

Rectangle

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



69.4851, 0.2746, 0.2896



69.4851, 0.3091, 0.2938



69.4851, 0.3515, 0.3690



69.4851, 0.3148, 0.3679

Sweetspot

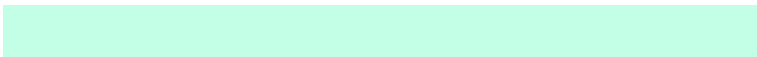
The Sweet Spot groups the original color and five complimentary colors.



69.4866, 0.2746, 0.2896



90.1293, 0.3019, 0.3184



88.8328, 0.2907, 0.3560



19.1161, 0.3009, 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.



69.4866, 0.2746, 0.2896



64.5377, 0.2669, 0.2810



58.5205, 0.2758, 0.2629



18.5710, 0.2979, 0.3143



9.0179, 0.1683, 0.1259



1.0849, 0.1745, 0.1483

Inverse Universe

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



65.3980, 0.3425, 0.3046



60.1375, 0.3499, 0.2997



95.7832, 0.3450, 0.3887



18.1076, 0.3231, 0.3195



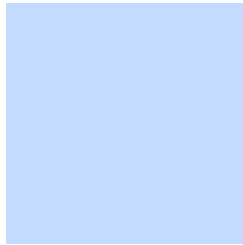
11.6383, 0.5383, 0.2739



1.1541, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 69.4851, 0.2746, 0.2896 looks on a white background.

Color Contrast Check

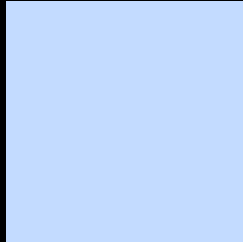
Large Text (above 18pt) WCAG AA × Fail

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 69.4851, 0.2746, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

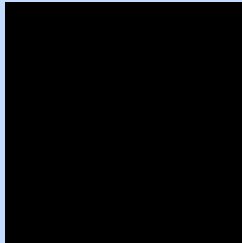
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

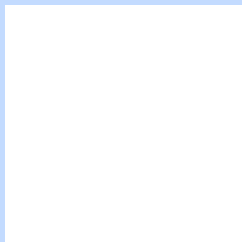
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4851, 0.2746, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 69.4851, 0.2746, 0.2896.

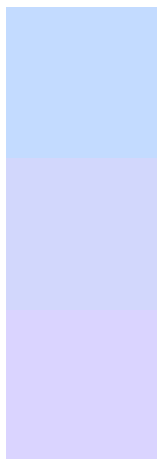


This preview shows how white text looks on a background with the Yxy color 69.4851, 0.2746, 0.2896.

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

69.4851, 0.2746, 0.2896

Protanopia

69.3308, 0.2856, 0.2893

Deuteranopia

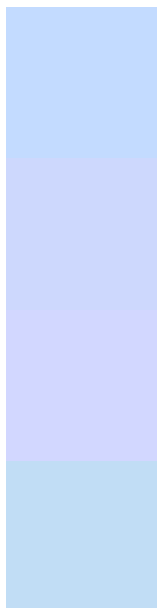
69.2124, 0.2890, 0.2837



Tritanopia

69.6810, 0.2821, 0.3098

Trichromacy



Original Color

69.4851, 0.2746, 0.2896

Protanomaly

69.1827, 0.2818, 0.2890

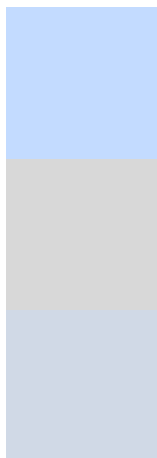
Deuteranomaly

69.5225, 0.2838, 0.2863

Tritanomaly

69.6429, 0.2792, 0.3023

Monochromacy



Original Color

69.4851, 0.2746, 0.2896

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7488, 0.2979, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4851, 0.2746, 0.2896 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(195, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 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(195, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.4851, 0.2746, 0.2896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

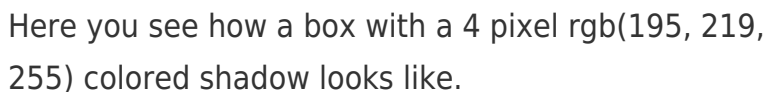
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 219, 255) }
```

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

```
.border{ border-color:rgb(195, 219, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4851, 0.2746, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 255) }
```

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

```
.background{ background-color: rgb(195,  
219, 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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