

Converting Colors

$Yxy(70.1486, 0.2771, 0.2929)$

Have a look what the booklet for
Yxy(70.1486, 0.2771, 0.2929)
contains.

- Yxy(70.1486, 0.2771, 0.2929) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 27**
- CSS Examples* 30**

Color

Yxy(70.1486, 0.2771, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	C5DCFD
RGB	197, 220, 253
RGB Percent	77%, 86%, 99%
CMY	0.2272, 0.1373, 0.0078
CMYK	0.22, 0.13, 0.00, 0.01
HSL	215°, 93%, 88%
HSV	215°, 22%, 99%
XYZ	66.3646, 70.1486, 102.9836
YIQ	216.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

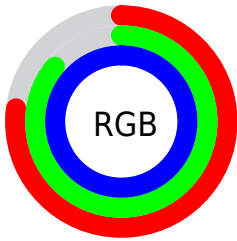
Format	Color
R _{YB}	197, 213, 253
Decimal	12967165
CIE _{Lab}	87.07, -0.69, -18.61
CIE _{LCh}	87, 18.627, 267.881
Y _{xy}	70.1486, 0.2771, 0.2929
Android (android.graphics.Color)	4291157245 (0xFFC5DCFD)
YUV	216.8850, 17.8047, -17.4391
Hunter-Lab	83.7548, -5.1332, -14.2738

Details

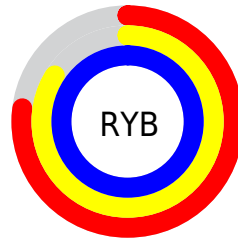
The Yxy color **70.1486, 0.2771, 0.2929** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5731, 0.3509, 0.3626**, and the grayscale version is **69.2034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **36.6466, 0.2686, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **59.5219, 0.2599, 0.2736**, and if you desaturate by 10%, it is **82.0551, 0.2937, 0.3103**.

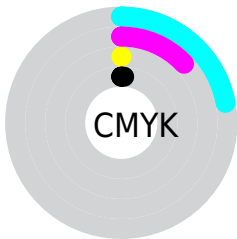
Distribution



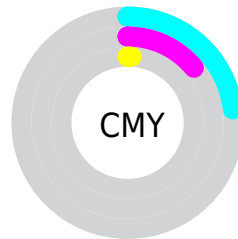
- Red (77%)
- Green (86%)
- Blue (99%)



- Red (77%)
- Yellow (84%)
- Blue (99%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1486, 0.2771, 0.2929 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 70.1486, 0.2771, 0.2929 by changing the saturation by 10% instead.

■ 70.1486, 0.2771,
0.2929

■ 70.1486, 0.2771,
0.2929

461.0716, 0.2935,
0.3096

■ 51.6477, 0.2734,
0.2891

119.4206, 0.2828,
0.2987

■ 36.7243, 0.2688,
0.2844

150.9606, 0.2850,
0.3009

■ 24.9941, 0.2630,
0.2785

187.6156, 0.2869,
0.3029

■ 16.0727, 0.2555,
0.2708

229.7702, 0.2886,
0.3046

■ 9.5756, 0.2453,
0.2604

277.8087, 0.2900,
0.3061

■ 5.1185, 0.2309,
0.2457

332.1155, 0.2913,

■ 2.3169, 0.2092,

0.3074

0.2233

393.0750, 0.2925,
0.3085

0.7827, 0.1723,
0.1855

0.0000, 0.0000,
0.0000

70.1486, 0.2771,
0.2929

70.1486, 0.2771,
0.2929

59.5219, 0.2599,
0.2736

82.0551, 0.2937,
0.3103

50.1195, 0.2426,
0.2527

95.2771, 0.3095,
0.3259

41.8944, 0.2256,
0.2305

99.8729, 0.3139,
0.3309

34.7924, 0.2096,
0.2074

■ 28.7544, 0.1952,
0.1842

■ 23.7143, 0.1831,
0.1617

■ 19.5956, 0.1738,
0.1407

■ 16.9171, 0.1683,
0.1257

Harmonies

Analogous

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



70.1486, 0.2697, 0.3036



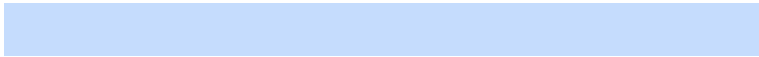
70.1486, 0.2771, 0.2929



70.1486, 0.2939, 0.2917

Triad

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



70.1486, 0.2771, 0.2929



70.1486, 0.3538, 0.3337



70.1486, 0.3079, 0.3611

Complementary

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



70.1486, 0.2771, 0.2929



81.5731, 0.3509, 0.3626

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.



70.1486, 0.3306, 0.3691



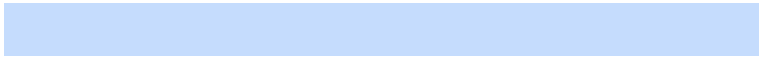
70.1486, 0.2771, 0.2929



70.1486, 0.3576, 0.3522

Square

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



70.1486, 0.2771, 0.2929



70.1486, 0.3384, 0.3148



70.1486, 0.3490, 0.3655



70.1486, 0.2871, 0.3434

Rectangle

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



70.1486, 0.2771, 0.2929



70.1486, 0.3085, 0.2961



70.1486, 0.3490, 0.3655



70.1486, 0.3156, 0.3650

Sweetspot

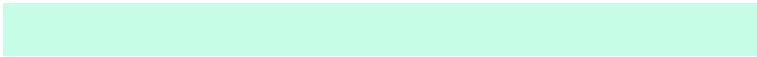
The Sweet Spot groups the original color and five complimentary colors.



70.1514, 0.2771, 0.2929



90.2290, 0.3019, 0.3185



87.8382, 0.2920, 0.3541



19.1391, 0.3009, 0.3176



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.



70.1514, 0.2771, 0.2929



65.9466, 0.2687, 0.2837



59.5787, 0.2783, 0.2675



18.5994, 0.2979, 0.3146



9.2675, 0.1691, 0.1287



1.1109, 0.1753, 0.1509

Inverse Universe

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



66.0183, 0.3399, 0.3056



61.3138, 0.3476, 0.3002



94.3171, 0.3431, 0.3849



18.1104, 0.3230, 0.3193



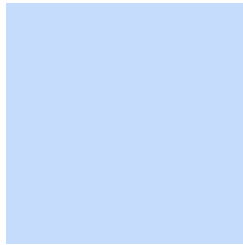
11.6635, 0.5345, 0.2718



1.1567, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 70.1486, 0.2771, 0.2929 looks on a white background.

Color Contrast Check

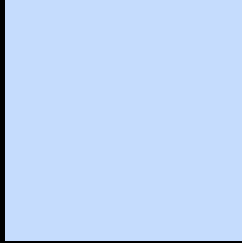
Large Text (above 18pt) WCAG AA × Fail

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 70.1486, 0.2771, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

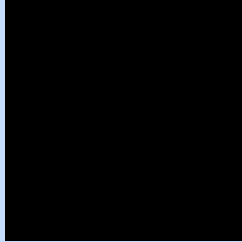
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

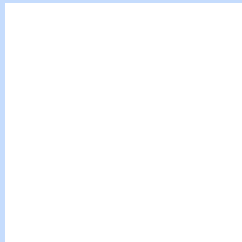
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1486, 0.2771, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 70.1486, 0.2771, 0.2929.

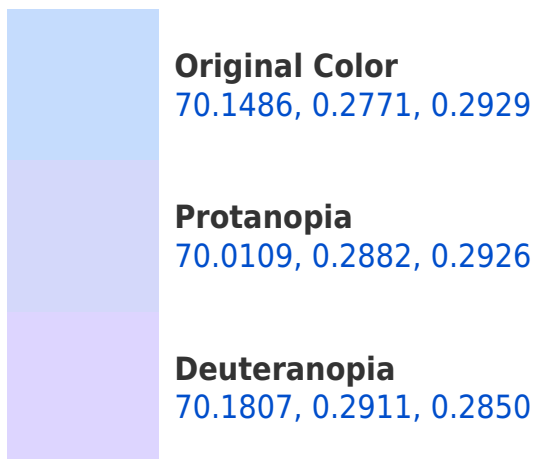


This preview shows how white text looks on a background with the Yxy color 70.1486, 0.2771, 0.2929.

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

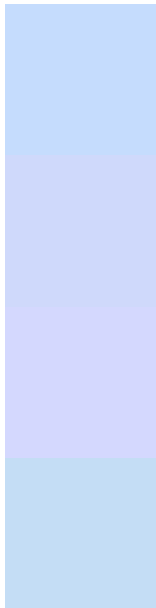




Tritanopia

70.1359, 0.2834, 0.3089

Trichromacy



Original Color

70.1486, 0.2771, 0.2929

Protanomaly

69.8561, 0.2844, 0.2923

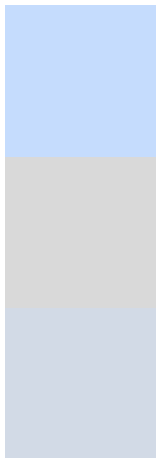
Deuteranomaly

70.2645, 0.2858, 0.2885

Tritanomaly

70.0412, 0.2811, 0.3024

Monochromacy



Original Color

70.1486, 0.2771, 0.2929

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5576, 0.2993, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1486, 0.2771, 0.2929 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(197, 220, 253)` looks like.

```
.text, #text, p{  
    color:rgb(197, 220, 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(197, 220, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 220, 253) }
```

Border

The CSS property to change the border of an element to Yxy 70.1486, 0.2771, 0.2929 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(197, 220, 253) }
```

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

```
.border{ border-color:rgb(197, 220, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 220, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 220, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 220, 253);  
box-shadow:4px 4px 4px 4px rgb(197, 220,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1486, 0.2771, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 220, 253) }
```

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

```
.background{ background-color: rgb(197,  
220, 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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