

Converting Colors

$Yxy(70.0726, 0.2817, 0.2883)$

Have a look what the booklet for
Yxy(70.0726, 0.2817, 0.2883)
contains.

Yxy(69.9675, 0.2814, 0.2882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.9675, 0.2814, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	CED9FF
RGB	206, 217, 255
RGB Percent	81%, 85%, 100%
CMY	0.1921, 0.1490, 0.0001
CMYK	0.19, 0.15, 0.00, 0.00
HSL	227°, 100%, 90%
HSV	227°, 19%, 100%
XYZ	68.3166, 69.9675, 104.4900
YIQ	218.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

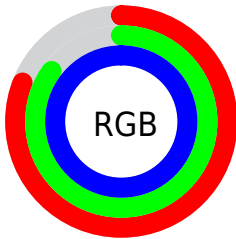
Format	Color
R _Y B	206, 215, 255
Decimal	13556223
CIE Lab	86.98, 4.00, -19.72
CIE LCh	87, 20.122, 281.470
Yxy	69.9675, 0.2814, 0.2882
Android (android.graphics.Color)	4291746303 (0xFFCED9FF)
YUV	218.0430, 18.2198, -10.5617
Hunter-Lab	83.6466, -0.5953, -15.5115

Details

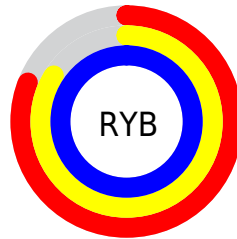
The Yxy color **69.9675, 0.2814, 0.2882** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.4091, 0.3437, 0.3667**, and the grayscale version is **70.0269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4972, 0.2740, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **57.0197, 0.2632, 0.2632**, and if you desaturate by 10%, it is **84.7348, 0.2984, 0.3106**.

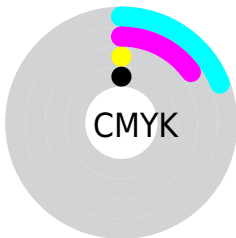
Distribution



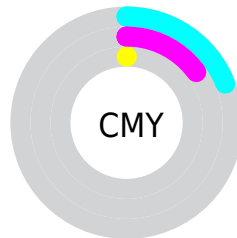
- Red (81%)
- Green (85%)
- Blue (100%)



- Red (81%)
- Yellow (84%)
- Blue (100%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9675, 0.2814, 0.2882 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 69.9675, 0.2814, 0.2882 by changing the saturation by 10% instead.

■ 69.9675, 0.2814,
0.2882

■ 69.9675, 0.2814,
0.2882

460.4359, 0.2959,
0.3069

■ 51.5000, 0.2781,
0.2840

119.1624, 0.2864,
0.2946

■ 36.6067, 0.2740,
0.2788

150.6586, 0.2884,
0.2972

■ 24.9031, 0.2688,
0.2723

187.2666, 0.2901,
0.2993

■ 16.0049, 0.2621,
0.2639

229.3707, 0.2916,
0.3012

■ 9.5276, 0.2530,
0.2526

277.3552, 0.2929,
0.3029

■ 5.0869, 0.2400,
0.2368

331.6047, 0.2940,

■ 2.2983, 0.2201,

0.3044

0.2131

392.5034, 0.2950,
0.3057

0.7728, 0.1870,
0.1737

0.0000, 0.0000,
0.0000

69.9675, 0.2814,
0.2882

69.9675, 0.2814,
0.2882

57.0197, 0.2632,
0.2632

84.7348, 0.2984,
0.3106

45.8113, 0.2441,
0.2360

99.9984, 0.3127,
0.3290

36.2688, 0.2247,
0.2071

28.3099, 0.2059,
0.1775

■ 21.8452, 0.1887,
0.1487

■ 16.7754, 0.1742,
0.1222

■ 12.9879, 0.1634,
0.0997

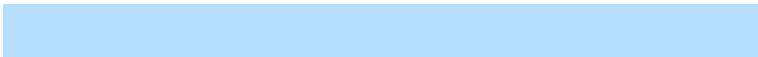
■ 10.3375, 0.1564,
0.0824

■ 10.1648, 0.1559,
0.0812

Harmonies

Analogous

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



69.9675, 0.2685, 0.2951



69.9675, 0.2814, 0.2882



69.9675, 0.3029, 0.2916

Triad

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



69.9675, 0.2814, 0.2882



69.9675, 0.3608, 0.3434



69.9675, 0.2966, 0.3561

Complementary

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



69.9675, 0.2814, 0.2882



90.4091, 0.3437, 0.3667

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.



69.9675, 0.3211, 0.3701



69.9675, 0.2814, 0.2882



69.9675, 0.3586, 0.3615

Square

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



69.9675, 0.2814, 0.2882



69.9675, 0.3493, 0.3226



69.9675, 0.3439, 0.3718



69.9675, 0.2771, 0.3341

Rectangle

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



69.9675, 0.2814, 0.2882



69.9675, 0.3196, 0.2990



69.9675, 0.3439, 0.3718



69.9675, 0.3045, 0.3620

Sweetspot

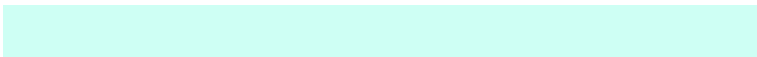
The Sweet Spot groups the original color and five complimentary colors.



69.9704, 0.2814, 0.2882



89.8733, 0.3035, 0.3173



91.1333, 0.2898, 0.3409



19.0095, 0.3025, 0.3159



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.



69.9704, 0.2814, 0.2882



64.8534, 0.2746, 0.2790



66.4423, 0.2895, 0.2774



18.0386, 0.2979, 0.3100



5.4936, 0.1566, 0.0836



0.6896, 0.1621, 0.1036

Inverse Universe

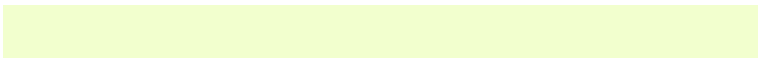
The Inverse Universe completely reimagines the original color for something new.



70.4174, 0.3424, 0.3179



65.5266, 0.3498, 0.3156



94.8245, 0.3331, 0.3784



18.0538, 0.3259, 0.3237



11.2825, 0.6013, 0.3086



1.1142, 0.5705, 0.2917

Previews

White Background



This preview shows how the Yxy color 69.9675, 0.2814, 0.2882 looks on a white background.

Color Contrast Check

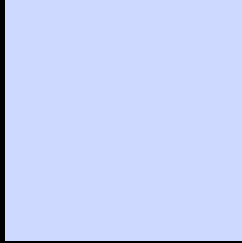
Large Text (above 18pt) WCAG AA × Fail

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 69.9675, 0.2814, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

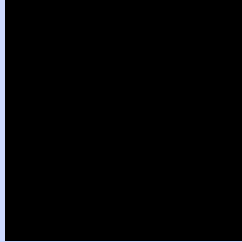
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9675, 0.2814, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 69.9675, 0.2814, 0.2882.

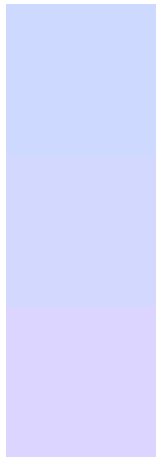


This preview shows how white text looks on a background with the Yxy color 69.9675, 0.2814, 0.2882.

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

69.9675, 0.2814, 0.2882

Protanopia

69.9691, 0.2845, 0.2884

Deuteranopia

70.0241, 0.2904, 0.2849



Tritanopia

69.9973, 0.2903, 0.3102

Trichromacy



Original Color

69.9675, 0.2814, 0.2882

Protanomaly

69.8228, 0.2838, 0.2883

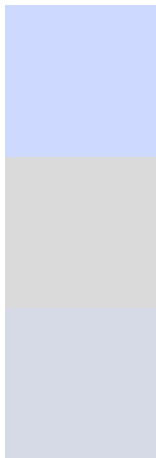
Deuteranomaly

69.7602, 0.2871, 0.2856

Tritanomaly

70.0321, 0.2867, 0.3016

Monochromacy



Original Color

69.9675, 0.2814, 0.2882

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2085, 0.3014, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9675, 0.2814, 0.2882 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(206, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 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(206, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.9675, 0.2814, 0.2882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

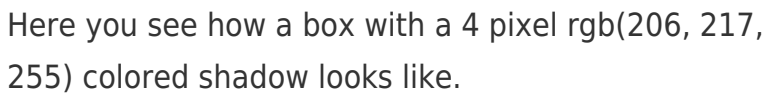
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 217, 255) }
```

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

```
.border{ border-color:rgb(206, 217, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9675, 0.2814, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 255) }
```

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

```
.background{ background-color: rgb(206,  
217, 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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