

Converting Colors

$Y_{xy}(70.4825, 0.2711, 0.2639)$

Have a look what the booklet for
Yxy(70.4825, 0.2711, 0.2639)
contains.

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Color

Yxy(69.0148, 0.2838, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	D2D6FF
RGB	210, 214, 255
RGB Percent	82%, 84%, 100%
CMY	0.1764, 0.1608, 0.0001
CMYK	0.18, 0.16, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 18%, 100%
XYZ	68.6760, 69.0148, 104.2966
YIQ	217.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

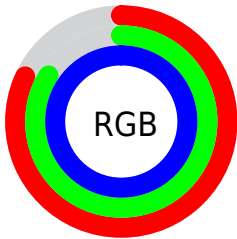
Format	Color
R _Y B	210, 214, 255
Decimal	13817599
CIE Lab	86.51, 6.81, -20.41
CIE LCh	87, 21.514, 288.451
Yxy	69.0148, 0.2838, 0.2852
Android (android.graphics.Color)	4292007679 (0xFFD2D6FF)
YUV	217.4780, 18.4983, -6.5582
Hunter-Lab	83.0751, 2.1797, -16.2829

Details

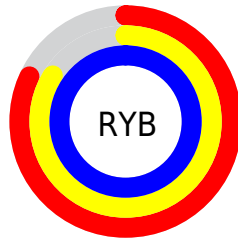
The Yxy color $69.0148, 0.2838, 0.2852$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.9062, 0.3400, 0.3693$, and the grayscale version is $69.6145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.8421, 0.2769, 0.2749$ is the 20% darker color. If you saturate the color by 10%, you get $54.6322, 0.2650, 0.2561$, and if you desaturate by 10%, it is $85.6773, 0.3009, 0.3112$.

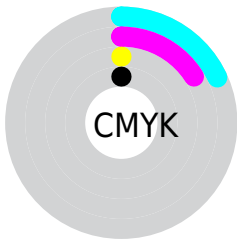
Distribution



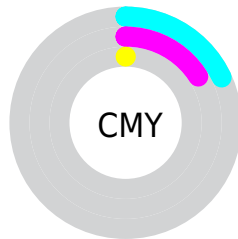
- Red (82%)
- Green (84%)
- Blue (100%)



- Red (82%)
- Yellow (84%)
- Blue (100%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0148, 0.2838, 0.2852 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 69.0148, 0.2838, 0.2852 by changing the saturation by 10% instead.

■ 69.0148, 0.2838,
0.2852

■ 69.0148, 0.2838,
0.2852

457.0832, 0.2973,
0.3052

■ 50.7238, 0.2807,
0.2807

117.8027, 0.2885,
0.2921

■ 35.9888, 0.2769,
0.2752

149.0684, 0.2903,
0.2948

■ 24.4256, 0.2720,
0.2683

185.4277, 0.2919,
0.2971

■ 15.6496, 0.2656,
0.2593

227.2651, 0.2933,
0.2991

■ 9.2765, 0.2570,
0.2474

274.9650, 0.2945,
0.3009

■ 4.9220, 0.2446,
0.2307

328.9117, 0.2955,

■ 2.2016, 0.2255,

0.3025

0.2058

389.4896, 0.2965,
0.3039

0.7208, 0.1935,
0.1639

0.0000, 0.0000,
0.0000

69.0148, 0.2838,
0.2852

69.0148, 0.2838,
0.2852

54.6322, 0.2650,
0.2561

85.6773, 0.3009,
0.3112

42.4222, 0.2447,
0.2244

99.9991, 0.3127,
0.3290

32.2815, 0.2239,
0.1911

24.0950, 0.2034,
0.1577

■ 17.7361, 0.1848,
0.1264

■ 13.0637, 0.1693,
0.0995

■ 9.9154, 0.1584,
0.0792

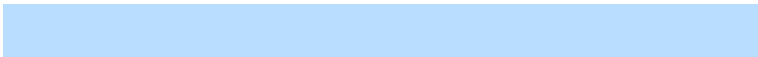
■ 8.0929, 0.1522,
0.0664

■ 7.8161, 0.1512,
0.0644

Harmonies

Analogous

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



69.0148, 0.2675, 0.2899



69.0148, 0.2838, 0.2852



69.0148, 0.3083, 0.2913

Triad

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



69.0148, 0.2838, 0.2852



69.0148, 0.3652, 0.3493



69.0148, 0.2898, 0.3531

Complementary

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



69.0148, 0.2838, 0.2852



94.9062, 0.3400, 0.3693

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.



69.0148, 0.3154, 0.3709



69.0148, 0.2838, 0.2852



69.0148, 0.3594, 0.3673

Square

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



69.0148, 0.2838, 0.2852



69.0148, 0.3561, 0.3272



69.0148, 0.3410, 0.3758



69.0148, 0.2709, 0.3285

Rectangle

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



69.0148, 0.2838, 0.2852



69.0148, 0.3263, 0.3006



69.0148, 0.3410, 0.3758



69.0148, 0.2979, 0.3602

Sweetspot

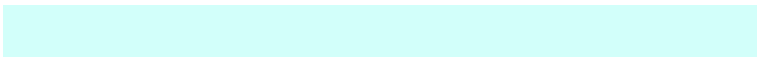
The Sweet Spot groups the original color and five complimentary colors.



69.0176, 0.2838, 0.2852



90.4704, 0.3051, 0.3176



92.1482, 0.2884, 0.3336



19.0880, 0.3040, 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.



69.0176, 0.2838, 0.2852



63.9370, 0.2776, 0.2757



69.8154, 0.2958, 0.2825



17.6364, 0.2979, 0.3066



4.1720, 0.1516, 0.0657



0.4900, 0.1549, 0.0775

Inverse Universe

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



72.2141, 0.3440, 0.3250



67.7092, 0.3515, 0.3242



94.1695, 0.3275, 0.3747



18.0132, 0.3280, 0.3269



11.1491, 0.6305, 0.3247



1.0940, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 69.0148, 0.2838, 0.2852 looks on a white background.

Color Contrast Check

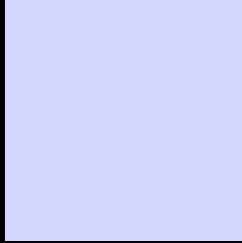
Large Text (above 18pt) WCAG AA × Fail

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 69.0148, 0.2838, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

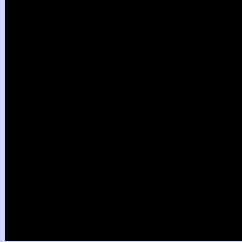
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0148, 0.2838, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 69.0148, 0.2838, 0.2852.



This preview shows how white text looks on a background with the Yxy color 69.0148, 0.2838, 0.2852.

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

69.0148, 0.2838, 0.2852

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

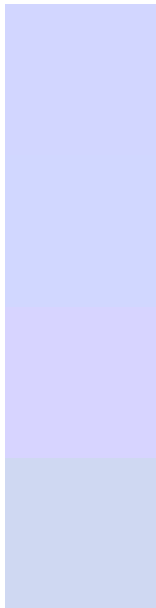
68.7140, 0.2890, 0.2826



Tritanopia

68.7457, 0.2934, 0.3091

Trichromacy



Original Color

69.0148, 0.2838, 0.2852

Protanomaly

69.3762, 0.2832, 0.2862

Deuteranomaly

68.7540, 0.2870, 0.2834

Tritanomaly

68.7879, 0.2897, 0.3005

Monochromacy



Original Color

69.0148, 0.2838, 0.2852

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1774, 0.3014, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0148, 0.2838, 0.2852 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(210, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.0148, 0.2838, 0.2852 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(210, 214, 255) }
```

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

```
.border{ border-color:rgb(210, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0148, 0.2838, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 255) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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