

Converting Colors

$Yxy(69.6970, 0.2833, 0.2862)$

Have a look what the booklet for
Yxy(69.6970, 0.2833, 0.2862)
contains.

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Color

Yxy(69.5225, 0.2838, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	D2D7FF
RGB	210, 215, 255
RGB Percent	82%, 84%, 100%
CMY	0.1767, 0.1568, 0.0000
CMYK	0.18, 0.16, 0.00, 0.00
HSL	233°, 100%, 91%
HSV	233°, 18%, 100%
XYZ	68.9154, 69.5225, 104.3930
YIQ	218.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

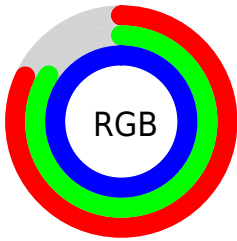
Format	Color
R _Y B	210, 215, 255
Decimal	13817855
CIE Lab	86.76, 6.25, -20.04
CIE LCh	87, 20.988, 287.322
Yxy	69.5225, 0.2838, 0.2863
Android (android.graphics.Color)	4292007935 (0xFFD2D7FF)
YUV	218.0650, 18.2090, -7.0730
Hunter-Lab	83.3802, 1.6187, -15.8657

Details

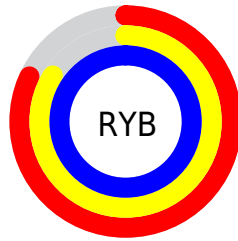
The Yxy color **69.5225, 0.2838, 0.2863** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2298, 0.3402, 0.3684**, and the grayscale version is **70.0345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1874, 0.2770, 0.2763** is the 20% darker color. If you saturate the color by 10%, you get **55.3395, 0.2651, 0.2580**, and if you desaturate by 10%, it is **85.9007, 0.3009, 0.3116**.

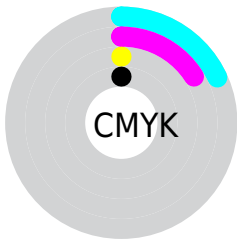
Distribution



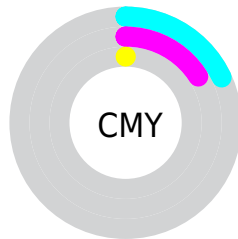
- Red (82%)
- Green (84%)
- Blue (100%)



- 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 69.5225, 0.2838, 0.2863 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 69.5225, 0.2838, 0.2863 by changing the saturation by 10% instead.

■ 69.5225, 0.2838,
0.2863

■ 69.5225, 0.2838,
0.2863

458.8716, 0.2973,
0.3058

■ 51.1374, 0.2807,
0.2819

118.5276, 0.2885,
0.2930

■ 36.3179, 0.2769,
0.2765

149.9162, 0.2903,
0.2956

■ 24.6798, 0.2721,
0.2698

186.4083, 0.2919,
0.2979

■ 15.8387, 0.2657,
0.2611

228.3879, 0.2932,
0.2999

■ 9.4101, 0.2571,
0.2494

276.2397, 0.2944,
0.3016

■ 5.0096, 0.2449,
0.2331

330.3480, 0.2955,

■ 2.2529, 0.2260,

0.3032

0.2088

391.0972, 0.2964,
0.3046

0.7486, 0.1943,
0.1683

0.0000, 0.0000,
0.0000

69.5225, 0.2838,
0.2863

69.5225, 0.2838,
0.2863

55.3395, 0.2651,
0.2580

85.9007, 0.3009,
0.3116

43.2500, 0.2451,
0.2271

100.0000, 0.3127,
0.3290

33.1570, 0.2245,
0.1946

24.9523, 0.2043,
0.1618

■ 18.5175, 0.1858,
0.1308

■ 13.7205, 0.1704,
0.1037

■ 10.4105, 0.1593,
0.0826

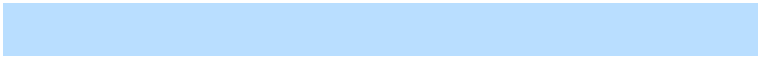
■ 8.4042, 0.1528,
0.0687

■ 8.0870, 0.1518,
0.0664

Harmonies

Analogous

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



69.5225, 0.2683, 0.2913



69.5225, 0.2838, 0.2863



69.5225, 0.3074, 0.2919

Triad

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



69.5225, 0.2838, 0.2863



69.5225, 0.3637, 0.3480



69.5225, 0.2913, 0.3533

Complementary

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



69.5225, 0.2838, 0.2863



94.2298, 0.3402, 0.3684

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.



69.5225, 0.3163, 0.3702



69.5225, 0.2838, 0.2863



69.5225, 0.3586, 0.3658

Square

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



69.5225, 0.2838, 0.2863



69.5225, 0.3543, 0.3265



69.5225, 0.3411, 0.3745



69.5225, 0.2725, 0.3294

Rectangle

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



69.5225, 0.2838, 0.2863



69.5225, 0.3250, 0.3007



69.5225, 0.3411, 0.3745



69.5225, 0.2993, 0.3600

Sweetspot

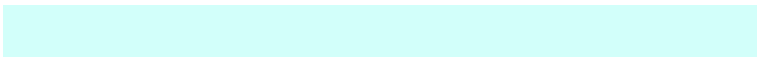
The Sweet Spot groups the original color and five complimentary colors.



69.5254, 0.2838, 0.2863



90.6553, 0.3051, 0.3179



92.0985, 0.2887, 0.3344



19.1328, 0.3040, 0.3163



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.



69.5254, 0.2838, 0.2863



64.5634, 0.2777, 0.2772



69.6494, 0.2952, 0.2823



17.7075, 0.2979, 0.3072



4.3302, 0.1522, 0.0679



0.5234, 0.1561, 0.0820

Inverse Universe

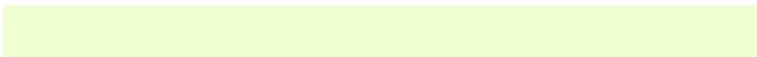
The Inverse Universe completely reimagines the original color for something new.



72.2312, 0.3433, 0.3239



67.7724, 0.3505, 0.3229



94.2997, 0.3281, 0.3747



18.0204, 0.3277, 0.3263



11.1651, 0.6268, 0.3227



1.0974, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 69.5225, 0.2838, 0.2863 looks on a white background.

Color Contrast Check

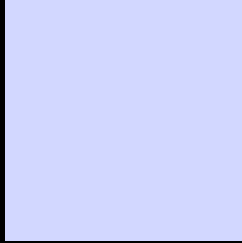
Large Text (above 18pt) WCAG AA × Fail

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 69.5225, 0.2838, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

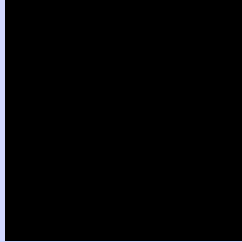
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5225, 0.2838, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 69.5225, 0.2838, 0.2863.



This preview shows how white text looks on a background with the Yxy color 69.5225, 0.2838, 0.2863.

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

69.5225, 0.2838, 0.2863

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

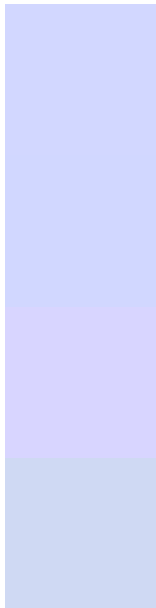
69.3670, 0.2897, 0.2838



Tritanopia

69.3207, 0.2928, 0.3091

Trichromacy



Original Color

69.5225, 0.2838, 0.2863

Protanomaly

69.3762, 0.2832, 0.2862

Deuteranomaly

69.4074, 0.2877, 0.2846

Tritanomaly

69.3622, 0.2892, 0.3006

Monochromacy



Original Color

69.5225, 0.2838, 0.2863

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8423, 0.3021, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5225, 0.2838, 0.2863 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 215, 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, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.5225, 0.2838, 0.2863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

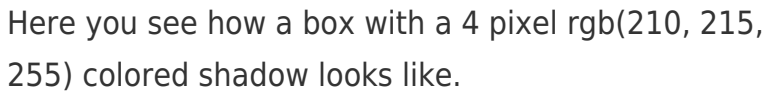
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 215, 255) }
```

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

```
.border{ border-color:rgb(210, 215, 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, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5225, 0.2838, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 215, 255) }
```

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

```
.background{ background-color: rgb(210,  
215, 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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