

Converting Colors

$Yxy(69.7699, 0.2849, 0.2907)$

Have a look what the booklet for
Yxy(69.7699, 0.2849, 0.2907)
contains.

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Color

Yxy(69.6953, 0.2850, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	D1D8FC
RGB	209, 216, 252
RGB Percent	82%, 85%, 99%
CMY	0.1804, 0.1529, 0.0117
CMYK	0.17, 0.14, 0.00, 0.01
HSL	230°, 88%, 90%
HSV	230°, 17%, 99%
XYZ	68.4229, 69.6953, 101.9621
YIQ	218.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

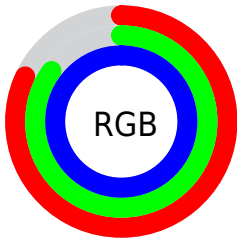
Format	Color
R _Y B	209, 215, 252
Decimal	13752572
CIE Lab	86.85, 4.81, -18.35
CIE LCh	87, 18.967, 284.690
Yxy	69.6953, 0.2850, 0.2903
Android (android.graphics.Color)	4291942652 (0xFFD1D8FC)
YUV	218.0110, 16.7566, -7.9026
Hunter-Lab	83.4837, 0.2013, -13.9747

Details

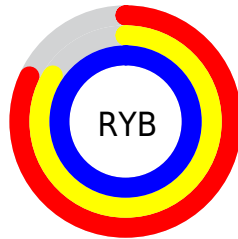
The Yxy color **69.6953, 0.2850, 0.2903** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.6198, 0.3396, 0.3650**, and the grayscale version is **70.0114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2999, 0.2785, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **56.1824, 0.2667, 0.2638**, and if you desaturate by 10%, it is **85.1835, 0.3018, 0.3140**.

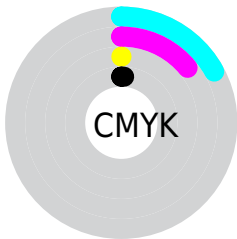
Distribution



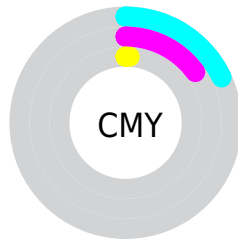
- Red (82%)
- Green (85%)
- Blue (99%)



- Red (82%)
- Yellow (84%)
- Blue (99%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6953, 0.2850, 0.2903 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 69.6953, 0.2850, 0.2903 by changing the saturation by 10% instead.

■ 69.6953, 0.2850,
0.2903

■ 69.6953, 0.2850,
0.2903

459.4794, 0.2979,
0.3080

■ 51.2782, 0.2820,
0.2863

118.7741, 0.2895,
0.2964

■ 36.4300, 0.2784,
0.2814

150.2046, 0.2912,
0.2988

■ 24.7665, 0.2738,
0.2752

186.7417, 0.2927,
0.3009

■ 15.9032, 0.2677,
0.2672

228.7697, 0.2940,
0.3027

■ 9.4557, 0.2595,
0.2564

276.6731, 0.2952,
0.3043

■ 5.0396, 0.2477,
0.2413

330.8363, 0.2962,

■ 2.2705, 0.2295,

0.3057

0.2185

391.6436, 0.2971,
0.3069

0.7580, 0.1988,
0.1798

0.0000, 0.0000,
0.0000

69.6953, 0.2850,
0.2903

69.6953, 0.2850,
0.2903

56.1824, 0.2667,
0.2638

85.1835, 0.3018,
0.3140

44.5564, 0.2472,
0.2349

99.8099, 0.3144,
0.3318

34.7350, 0.2271,
0.2041

26.6264, 0.2074,
0.1727

■ 20.1305, 0.1892,
0.1423

■ 15.1364, 0.1737,
0.1148

■ 11.5186, 0.1621,
0.0921

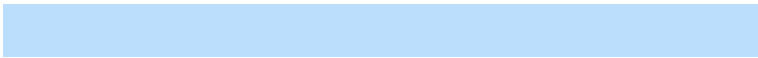
■ 9.1277, 0.1548,
0.0756

■ 8.6186, 0.1533,
0.0719

Harmonies

Analogous

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



69.6953, 0.2717, 0.2958



69.6953, 0.2850, 0.2903



69.6953, 0.3060, 0.2945

Triad

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



69.6953, 0.2850, 0.2903



69.6953, 0.3585, 0.3447



69.6953, 0.2953, 0.3525

Complementary

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



69.6953, 0.2850, 0.2903



90.6198, 0.3396, 0.3650

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.



69.6953, 0.3181, 0.3668



69.6953, 0.2850, 0.2903



69.6953, 0.3551, 0.3612

Square

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



69.6953, 0.2850, 0.2903



69.6953, 0.3490, 0.3251



69.6953, 0.3401, 0.3698



69.6953, 0.2775, 0.3314

Rectangle

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



69.6953, 0.2850, 0.2903



69.6953, 0.3218, 0.3021



69.6953, 0.3401, 0.3698



69.6953, 0.3026, 0.3583

Sweetspot

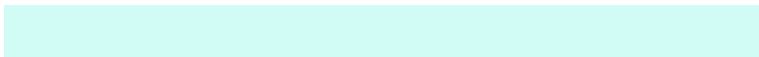
The Sweet Spot groups the original color and five complimentary colors.



69.6982, 0.2850, 0.2903



91.0394, 0.3051, 0.3185



89.7755, 0.2907, 0.3364



19.2258, 0.3040, 0.3170



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.



69.6982, 0.2850, 0.2903



67.2969, 0.2798, 0.2828



68.3711, 0.2944, 0.2839



17.0995, 0.2979, 0.3085



4.6269, 0.1539, 0.0739



0.5554, 0.1590, 0.0924

Inverse Universe

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



71.2575, 0.3404, 0.3219



69.2146, 0.3463, 0.3206



92.3626, 0.3290, 0.3729



17.2713, 0.3268, 0.3252



10.8780, 0.6169, 0.3172



1.0203, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 69.6953, 0.2850, 0.2903 looks on a white background.

Color Contrast Check

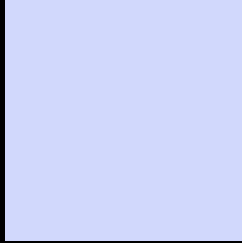
Large Text (above 18pt) WCAG AA × Fail

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 69.6953, 0.2850, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

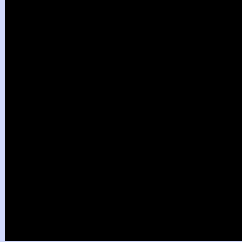
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6953, 0.2850, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 69.6953, 0.2850, 0.2903.



This preview shows how white text looks on a background with the Yxy color 69.6953, 0.2850, 0.2903.

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

69.6953, 0.2850, 0.2903

Protanopia

69.9889, 0.2863, 0.2905

Deuteranopia

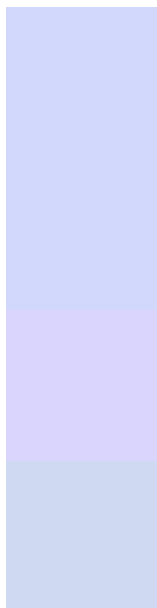
69.5510, 0.2923, 0.2859



Tritanopia

69.8410, 0.2928, 0.3102

Trichromacy



Original Color

69.6953, 0.2850, 0.2903

Protanomaly

69.8416, 0.2857, 0.2904

Deuteranomaly

69.4321, 0.2896, 0.2867

Tritanomaly

69.8190, 0.2898, 0.3028

Monochromacy



Original Color

69.6953, 0.2850, 0.2903

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.7860, 0.3028, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6953, 0.2850, 0.2903 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(209, 216, 252)` looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 252)  
}
```

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(209, 216, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 252) }
```

Border

The CSS property to change the border of an element to Yxy 69.6953, 0.2850, 0.2903 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(209, 216, 252) }
```

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

```
.border{ border-color:rgb(209, 216, 252) }
```

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

Here you see how a box with a 4 pixel rgb(209, 216, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 252);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6953, 0.2850, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 252) }
```

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

```
.background{ background-color: rgb(209,  
216, 252) }
```

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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