

Converting Colors

Yxy(68.8928, 0.2863, 0.2854)

Have a look what the booklet for
Yxy(68.8928, 0.2863, 0.2854)
contains.

Yxy(68.8904, 0.2863, 0.2853)	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(68.8904, 0.2863, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5FE
RGB	213, 213, 254
RGB Percent	84%, 84%, 100%
CMY	0.1646, 0.1647, 0.0038
CMYK	0.16, 0.16, 0.00, 0.00
HSL	240°, 95%, 92%
HSV	240°, 16%, 100%
XYZ	69.1319, 68.8904, 103.4443
YIQ	217.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

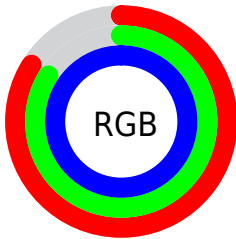
Format	Color
R _Y B	213, 213, 254
Decimal	14013950
CIE Lab	86.45, 8.07, -19.98
CIE LCh	86, 21.542, 291.987
Yxy	68.8904, 0.2863, 0.2853
Android (android.graphics.Color)	4292204030 (0xFFD5D5FE)
YUV	217.6740, 17.9087, -4.0991
Hunter-Lab	83.0002, 3.4243, -15.7937

Details

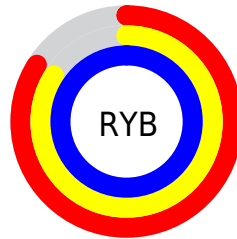
The Yxy color **68.8904, 0.2863, 0.2853** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.7791, 0.3370, 0.3693**, and the grayscale version is **69.7604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7540, 0.2801, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **53.5951, 0.2672, 0.2538**, and if you desaturate by 10%, it is **86.7871, 0.3033, 0.3134**.

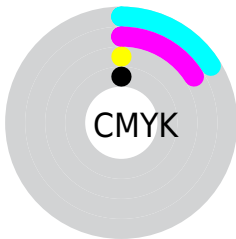
Distribution



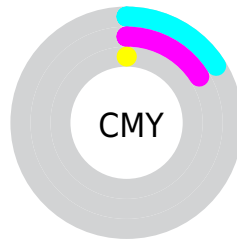
- Red (84%)
- Green (84%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8904, 0.2863, 0.2853 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 68.8904, 0.2863, 0.2853 by changing the saturation by 10% instead.

68.8904, 0.2863,
0.2853

68.8904, 0.2863,
0.2853

456.6443, 0.2987,
0.3052

50.6225, 0.2834,
0.2808

117.6250, 0.2906,
0.2922

35.9082, 0.2799,
0.2753

148.8605, 0.2923,
0.2948

24.3633, 0.2754,
0.2684

185.1872, 0.2937,
0.2972

15.6034, 0.2695,
0.2596

226.9897, 0.2950,
0.2992

9.2439, 0.2615,
0.2477

274.6522, 0.2961,
0.3010

4.9006, 0.2500,
0.2311

328.5593, 0.2970,

2.1891, 0.2321,

0.3026

0.2064

389.0952, 0.2979,
0.3040

0.7140, 0.2018,
0.1645

0.0000, 0.0000,
0.0000

68.8904, 0.2863,
0.2853

68.8904, 0.2863,
0.2853

53.5951, 0.2672,
0.2538

86.7871, 0.3033,
0.3134

40.7723, 0.2465,
0.2194

99.9377, 0.3133,
0.3299

30.2947, 0.2248,
0.1835

22.0205, 0.2033,
0.1481

■ 15.7925, 0.1838,
0.1158

■ 11.4327, 0.1679,
0.0895

■ 8.7328, 0.1569,
0.0713

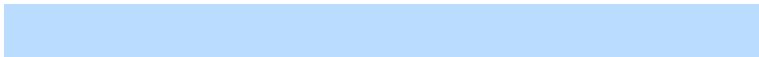
■ 7.4338, 0.1513,
0.0620

■ 7.1587, 0.1500,
0.0600

Harmonies

Analogous

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



68.8904, 0.2688, 0.2887



68.8904, 0.2863, 0.2853



68.8904, 0.3114, 0.2926

Triad

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



68.8904, 0.2863, 0.2853



68.8904, 0.3654, 0.3518



68.8904, 0.2871, 0.3504

Complementary

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



68.8904, 0.2863, 0.2853



96.7791, 0.3370, 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.



68.8904, 0.3122, 0.3695



68.8904, 0.2863, 0.2853



68.8904, 0.3579, 0.3690

Square

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



68.8904, 0.2863, 0.2853



68.8904, 0.3580, 0.3298



68.8904, 0.3382, 0.3761



68.8904, 0.2693, 0.3255

Rectangle

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



68.8904, 0.2863, 0.2853



68.8904, 0.3294, 0.3025



68.8904, 0.3382, 0.3761



68.8904, 0.2950, 0.3579

Sweetspot

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



68.8932, 0.2863, 0.2853



89.7961, 0.3051, 0.3165



92.2064, 0.2882, 0.3289



18.9249, 0.3040, 0.3146



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.



68.8932, 0.2863, 0.2853



64.8328, 0.2811, 0.2766



72.1542, 0.3002, 0.2871



17.3783, 0.2978, 0.3044



3.7734, 0.1500, 0.0600



0.3676, 0.1501, 0.0600

Inverse Universe

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



75.8191, 0.3146, 0.2889



72.8860, 0.3150, 0.2817



93.1172, 0.3237, 0.3710



18.3002, 0.3138, 0.3056



14.8763, 0.3211, 0.1542



1.4485, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 68.8904, 0.2863, 0.2853 looks on a white background.

Color Contrast Check

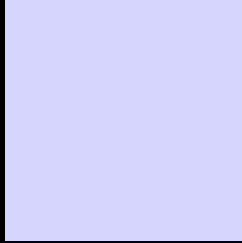
Large Text (above 18pt) WCAG AA × Fail

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 68.8904, 0.2863, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

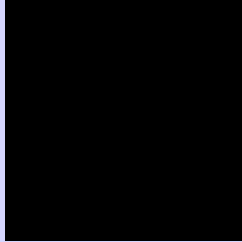
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8904, 0.2863, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 68.8904, 0.2863, 0.2853.



This preview shows how white text looks on a background with the Yxy color 68.8904, 0.2863, 0.2853.

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

68.8904, 0.2863, 0.2853

Protanopia

68.7230, 0.2825, 0.2850

Deuteranopia

68.8044, 0.2903, 0.2837



Tritanopia

69.1215, 0.2961, 0.3103

Trichromacy



Original Color

68.8904, 0.2863, 0.2853

Protanomaly

69.0148, 0.2838, 0.2852

Deuteranomaly

68.9944, 0.2889, 0.2846

Tritanomaly

69.1642, 0.2924, 0.3017

Monochromacy



Original Color

68.8904, 0.2863, 0.2853

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4802, 0.3028, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8904, 0.2863, 0.2853 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(213, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 254)  
}
```

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(213, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 254) }
```

Border

The CSS property to change the border of an element to Yxy 68.8904, 0.2863, 0.2853 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(213, 213, 254) }
```

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

```
.border{ border-color:rgb(213, 213, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8904, 0.2863, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 254) }
```

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

```
.background{ background-color: rgb(213,  
213, 254) }
```

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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