

Converting Colors

$Yxy(67.0903, 0.2882, 0.2885)$

Have a look what the booklet for
Yxy(67.0903, 0.2882, 0.2885)
contains.

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Color

Yxy(67.2147, 0.2885, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	D3D3F8
RGB	211, 211, 248
RGB Percent	83%, 83%, 97%
CMY	0.1727, 0.1725, 0.0274
CMYK	0.15, 0.15, 0.00, 0.03
HSL	240°, 73%, 90%
HSV	240°, 15%, 97%
XYZ	67.0984, 67.2147, 98.2637
YIQ	215.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

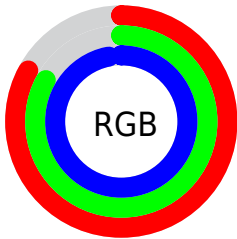
Format	Color
R _Y B	211, 211, 248
Decimal	13882360
CIE Lab	85.61, 7.22, -18.08
CIE LCh	86, 19.470, 291.774
Yxy	67.2147, 0.2885, 0.2890
Android (android.graphics.Color)	4292072440 (0xFFD3D3F8)
YUV	215.2180, 16.1615, -3.6992
Hunter-Lab	81.9846, 2.6163, -13.6736

Details

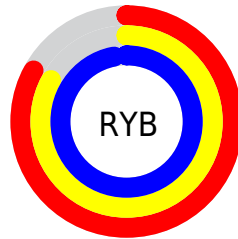
The Yxy color $67.2147, 0.2885, 0.2890$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91.7909, 0.3352, 0.3661$, and the grayscale version is $68.0048, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9876, 0.2822, 0.2798$ is the 20% darker color. If you saturate the color by 10%, you get $52.4551, 0.2697, 0.2579$, and if you desaturate by 10%, it is $84.4426, 0.3052, 0.3166$.

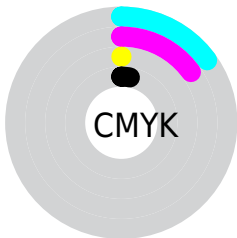
Distribution



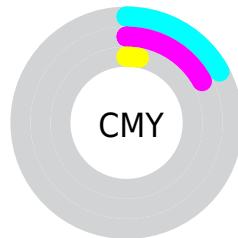
- Red (83%)
- Green (83%)
- Blue (97%)



- Red (83%)
- Yellow (83%)
- Blue (97%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2147, 0.2885, 0.2890 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 67.2147, 0.2885, 0.2890 by changing the saturation by 10% instead.

■ 67.2147, 0.2885,
0.2890

■ 67.2147, 0.2885,
0.2890

450.7086, 0.2999,
0.3074

■ 49.2591, 0.2859,
0.2848

115.2280, 0.2925,
0.2954

■ 34.8251, 0.2826,
0.2797

146.0545, 0.2940,
0.2978

■ 23.5282, 0.2784,
0.2733

181.9401, 0.2954,
0.3000

■ 14.9840, 0.2729,
0.2649

223.2693, 0.2965,
0.3018

■ 8.8081, 0.2653,
0.2536

270.4263, 0.2975,
0.3035

■ 4.6163, 0.2543,
0.2377

323.7956, 0.2984,

■ 2.0239, 0.2371,

0.3049

0.2136

383.7616, 0.2992,
0.3062

0.6213, 0.2075,
0.1681

0.0000, 0.0000,
0.0000

67.2147, 0.2885,
0.2890

67.2147, 0.2885,
0.2890

52.4551, 0.2697,
0.2579

84.4426, 0.3052,
0.3166

40.0429, 0.2491,
0.2240

99.5589, 0.3167,
0.3357

29.8599, 0.2275,
0.1882

21.7738, 0.2060,
0.1527

■ 15.6389, 0.1861,
0.1198

■ 11.2906, 0.1697,
0.0926

■ 8.5372, 0.1580,
0.0733

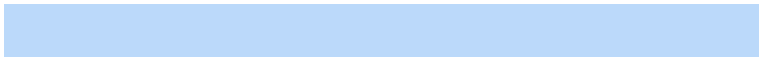
■ 7.1435, 0.1517,
0.0628

■ 6.7842, 0.1500,
0.0600

Harmonies

Analogous

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



67.2147, 0.2725, 0.2923



67.2147, 0.2885, 0.2890



67.2147, 0.3114, 0.2956

Triad

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



67.2147, 0.2885, 0.2890



67.2147, 0.3607, 0.3498



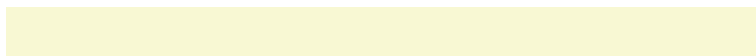
67.2147, 0.2895, 0.3487

Complementary

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



67.2147, 0.2885, 0.2890



91.7909, 0.3352, 0.3661

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.



67.2147, 0.3125, 0.3658



67.2147, 0.2885, 0.2890



67.2147, 0.3540, 0.3655

Square

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



67.2147, 0.2885, 0.2890



67.2147, 0.3538, 0.3297



67.2147, 0.3362, 0.3718



67.2147, 0.2731, 0.3261

Rectangle

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



67.2147, 0.2885, 0.2890



67.2147, 0.3278, 0.3047



67.2147, 0.3362, 0.3718



67.2147, 0.2967, 0.3553

Sweetspot

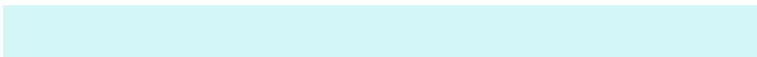
The Sweet Spot groups the original color and five complimentary colors.



67.2175, 0.2885, 0.2890



91.7864, 0.3067, 0.3190



87.7360, 0.2903, 0.3296



19.3260, 0.3055, 0.3171



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.



67.2175, 0.2885, 0.2890



66.4620, 0.2829, 0.2798



69.9930, 0.3008, 0.2904



16.6458, 0.2979, 0.3045



3.6651, 0.1500, 0.0601



0.3404, 0.1501, 0.0602

Inverse Universe

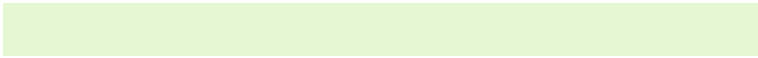
The Inverse Universe completely reimagines the original color for something new.



71.2403, 0.3407, 0.3290



71.5207, 0.3478, 0.3291



88.6946, 0.3232, 0.3675



17.2255, 0.3294, 0.3290



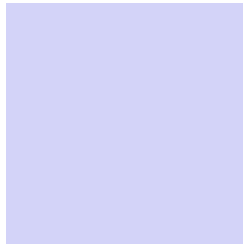
10.7809, 0.6400, 0.3299



0.9986, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 67.2147, 0.2885, 0.2890 looks on a white background.

Color Contrast Check

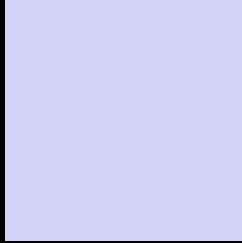
Large Text (above 18pt) WCAG AA × Fail

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 67.2147, 0.2885, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

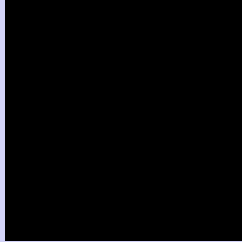
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2147, 0.2885, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 67.2147, 0.2885, 0.2890.



This preview shows how white text looks on a background with the Yxy color 67.2147, 0.2885, 0.2890.

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

67.2147, 0.2885, 0.2890

Protanopia

67.1919, 0.2853, 0.2888

Deuteranopia

67.2837, 0.2933, 0.2874



Tritanopia

67.2726, 0.2972, 0.3101

Trichromacy



Original Color

67.2147, 0.2885, 0.2890

Protanomaly

67.3364, 0.2860, 0.2889

Deuteranomaly

67.3176, 0.2912, 0.2882

Tritanomaly

67.2582, 0.2941, 0.3026

Monochromacy



Original Color

67.2147, 0.2885, 0.2890

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9353, 0.3040, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2147, 0.2885, 0.2890 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(211, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 248)  
}
```

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(211, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 248) }
```

Border

The CSS property to change the border of an element to Yxy 67.2147, 0.2885, 0.2890 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(211, 211, 248) }
```

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

```
.border{ border-color:rgb(211, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2147, 0.2885, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 248) }
```

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

```
.background{ background-color: rgb(211,  
211, 248) }
```

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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