

Converting Colors

$Yxy(66.8650, 0.2909, 0.2831)$

Have a look what the booklet for
Yxy(66.8650, 0.2909, 0.2831)
contains.

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Color

Yxy(66.8285, 0.2907, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	D9D0FB
RGB	217, 208, 251
RGB Percent	85%, 82%, 98%
CMY	0.1487, 0.1844, 0.0157
CMYK	0.14, 0.17, 0.00, 0.02
HSL	253°, 84%, 90%
HSV	253°, 17%, 98%
XYZ	68.5983, 66.8285, 100.5495
YIQ	215.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

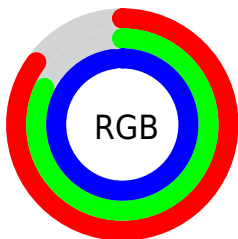
Format	Color
R _Y B	217, 208, 251
Decimal	14274811
CIE Lab	85.42, 11.36, -19.90
CIE LCh	85, 22.916, 299.706
Yxy	66.8285, 0.2907, 0.2832
Android (android.graphics.Color)	4292464891 (0xFFD9D0FB)
YUV	215.5930, 17.4557, 1.2339
Hunter-Lab	81.7487, 6.7256, -15.7016

Details

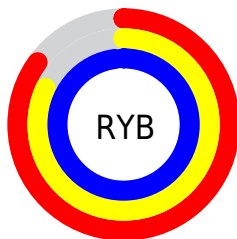
The Yxy color $66.8285, 0.2907, 0.2832$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.4100, 0.3325, 0.3726$, and the grayscale version is $68.2689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.6876, 0.2856, 0.2738$ is the 20% darker color. If you saturate the color by 10%, you get $52.6910, 0.2754, 0.2527$, and if you desaturate by 10%, it is $83.2722, 0.3042, 0.3110$.

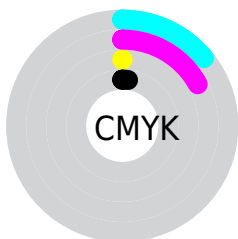
Distribution



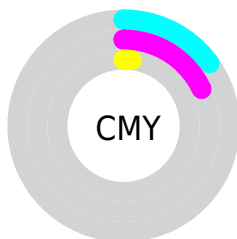
- Red (85%)
- Green (82%)
- Blue (98%)



- Red (85%)
- Yellow (82%)
- Blue (98%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8285, 0.2907, 0.2832 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 66.8285, 0.2907, 0.2832 by changing the saturation by 10% instead.

66.8285, 0.2907,
0.2832

66.8285, 0.2907,
0.2832

449.3341, 0.3012,
0.3041

48.9453, 0.2883,
0.2785

114.6746, 0.2944,
0.2904

34.5761, 0.2852,
0.2727

145.4063, 0.2958,
0.2932

23.3365, 0.2813,
0.2655

181.1896, 0.2970,
0.2956

14.8422, 0.2762,
0.2562

222.4089, 0.2981,
0.2978

8.7087, 0.2691,
0.2437

269.4486, 0.2990,
0.2996

4.5517, 0.2587,
0.2262

322.6931, 0.2998,

1.9867, 0.2423,

0.3013

0.2002

382.5268, 0.3005,
0.3028

0.5997, 0.2148,
0.1520

0.0000, 0.0000,
0.0000

66.8285, 0.2907,
0.2832

66.8285, 0.2907,
0.2832

52.6910, 0.2754,
0.2527

83.2722, 0.3042,
0.3110

40.7477, 0.2583,
0.2200

99.7450, 0.3150,
0.3328

30.8896, 0.2400,
0.1863

22.9951, 0.2211,
0.1532

■ 16.9297, 0.2026,
0.1227

■ 12.5414, 0.1859,
0.0973

■ 9.6534, 0.1720,
0.0786

■ 8.0410, 0.1618,
0.0675

■ 7.7222, 0.1595,
0.0652

Harmonies

Analogous

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



66.8285, 0.2694, 0.2837



66.8285, 0.2907, 0.2832



66.8285, 0.3188, 0.2937

Triad

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



66.8285, 0.2907, 0.2832



66.8285, 0.3688, 0.3588



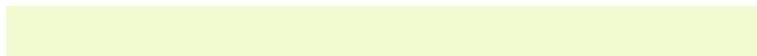
66.8285, 0.2793, 0.3454

Complementary

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



66.8285, 0.2907, 0.2832



92.4100, 0.3325, 0.3726

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.



66.8285, 0.3048, 0.3685



66.8285, 0.2907, 0.2832



66.8285, 0.3569, 0.3751

Square

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



66.8285, 0.2907, 0.2832



66.8285, 0.3650, 0.3360



66.8285, 0.3332, 0.3794



66.8285, 0.2631, 0.3183

Rectangle

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



66.8285, 0.2907, 0.2832



66.8285, 0.3378, 0.3056



66.8285, 0.3332, 0.3794



66.8285, 0.2870, 0.3540

Sweetspot

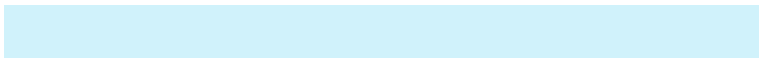
The Sweet Spot groups the original color and five complimentary colors.



66.8313, 0.2907, 0.2832



90.2754, 0.3068, 0.3165



84.1134, 0.2863, 0.3199



19.0409, 0.3060, 0.3147



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.



66.8313, 0.2907, 0.2832



63.3137, 0.2850, 0.2717



70.2626, 0.3054, 0.2852



16.8196, 0.3012, 0.3047



4.1093, 0.1607, 0.0659



0.4241, 0.1714, 0.0718

Inverse Universe

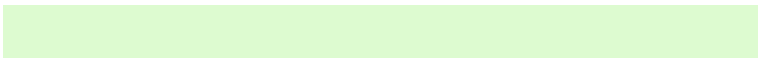
The Inverse Universe completely reimagines the original color for something new.



72.0189, 0.3210, 0.2951



69.7563, 0.3232, 0.2871



88.9024, 0.3187, 0.3745



17.4581, 0.3170, 0.3105



12.9455, 0.3829, 0.1883



1.2141, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 66.8285, 0.2907, 0.2832 looks on a white background.

Color Contrast Check

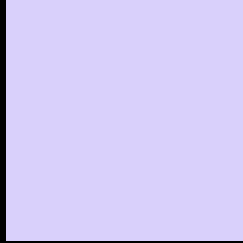
Large Text (above 18pt) WCAG AA × Fail

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 66.8285, 0.2907, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

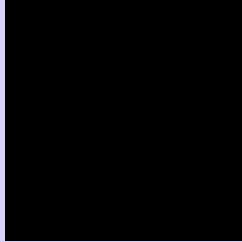
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8285, 0.2907, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 66.8285, 0.2907, 0.2832.

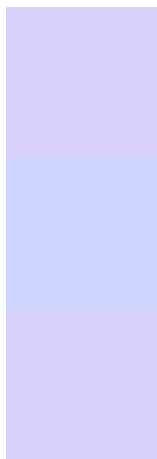


This preview shows how white text looks on a background with the Yxy color 66.8285, 0.2907, 0.2832.

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

66.8285, 0.2907, 0.2832

Protanopia

67.1580, 0.2816, 0.2846

Deuteranopia

66.6757, 0.2900, 0.2831



Tritanopia

66.8902, 0.3020, 0.3102

Trichromacy



Original Color

66.8285, 0.2907, 0.2832

Protanomaly

67.1721, 0.2848, 0.2848

Deuteranomaly

66.6757, 0.2900, 0.2831

Tritanomaly

66.9991, 0.2975, 0.3006

Monochromacy



Original Color

66.8285, 0.2907, 0.2832

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8446, 0.3042, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8285, 0.2907, 0.2832 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(217, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 251)  
}
```

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(217, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 66.8285, 0.2907, 0.2832 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(217, 208, 251) }
```

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

```
.border{ border-color:rgb(217, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8285, 0.2907, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 251) }
```

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

```
.background{ background-color: rgb(217,  
208, 251) }
```

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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