

Converting Colors

Yxy(67.8345, 0.2912, 0.2828)

Have a look what the booklet for
Yxy(67.8345, 0.2912, 0.2828)
contains.

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Color

Yxy(67.7528, 0.2908, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1FD
RGB	219, 209, 253
RGB Percent	86%, 82%, 99%
CMY	0.1412, 0.1804, 0.0078
CMYK	0.13, 0.17, 0.00, 0.01
HSL	254°, 92%, 91%
HSV	254°, 17%, 99%
XYZ	69.7434, 67.7528, 102.3367
YIQ	217.0060, -8.1640, 15.8040

Conversions

Conversions Part 2

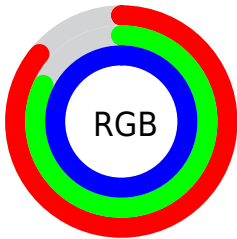
Format	Color
R _Y B	219, 209, 253
Decimal	14406141
CIE Lab	85.88, 11.83, -20.25
CIE LCh	86, 23.452, 300.298
Yxy	67.7528, 0.2908, 0.2825
Android (android.graphics.Color)	4292596221 (0xFFDDBD1FD)
YUV	217.0060, 17.7450, 1.7487
Hunter-Lab	82.3121, 7.1977, -16.0954

Details

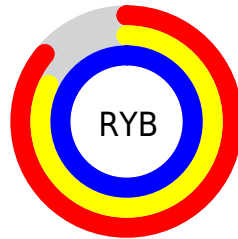
The Yxy color **67.7528, 0.2908, 0.2825** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.9176, 0.3323, 0.3733**, and the grayscale version is **69.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3207, 0.2859, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **53.4534, 0.2757, 0.2520**, and if you desaturate by 10%, it is **84.3856, 0.3041, 0.3103**.

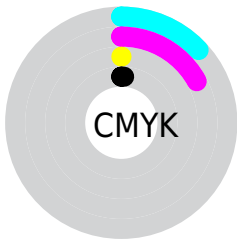
Distribution



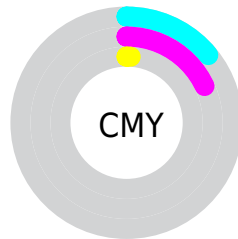
- Red (86%)
- Green (82%)
- Blue (99%)



- Red (86%)
- Yellow (82%)
- Blue (99%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)




- Cyan (14%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7528, 0.2908, 0.2825 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 67.7528, 0.2908, 0.2825 by changing the saturation by 10% instead.

 67.7528, 0.2908,
0.2825

 67.7528, 0.2908,
0.2825

452.6197, 0.3012,
0.3037

 49.6967, 0.2884,
0.2778


115.9984, 0.2944,
0.2898

 35.1724, 0.2854,
0.2720

146.9567, 0.2959,
0.2926

 23.7957, 0.2815,
0.2647


182.9845, 0.2971,
0.2951

 15.1822, 0.2764,
0.2553

224.4662, 0.2981,
0.2972

 8.9473, 0.2694,
0.2429

271.7861, 0.2990,
0.2991

 4.7068, 0.2592,
0.2255

325.3288, 0.2998,

 2.0763, 0.2432,

0.3008

0.1997

385.4785, 0.3005,
0.3023

0.6513, 0.2159,
0.1546

0.0000, 0.0000,
0.0000

67.7528, 0.2908,
0.2825

67.7528, 0.2908,
0.2825

53.4534, 0.2757,
0.2520

84.3856, 0.3041,
0.3103

41.3737, 0.2589,
0.2194

99.8724, 0.3139,
0.3309

31.4033, 0.2409,
0.1859

23.4188, 0.2222,
0.1530

■ 17.2836, 0.2039,
0.1228

■ 12.8437, 0.1873,
0.0976

■ 9.9187, 0.1734,
0.0791

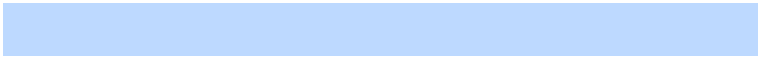
■ 8.2778, 0.1630,
0.0681

■ 7.9757, 0.1609,
0.0660

Harmonies

Analogous

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



67.7528, 0.2689, 0.2827



67.7528, 0.2908, 0.2825



67.7528, 0.3195, 0.2934

Triad

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



67.7528, 0.2908, 0.2825



67.7528, 0.3697, 0.3597



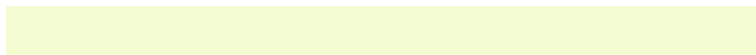
67.7528, 0.2783, 0.3452

Complementary

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



67.7528, 0.2908, 0.2825



93.9176, 0.3323, 0.3733

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.



67.7528, 0.3040, 0.3689



67.7528, 0.2908, 0.2825



67.7528, 0.3573, 0.3762

Square

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



67.7528, 0.2908, 0.2825



67.7528, 0.3662, 0.3365



67.7528, 0.3330, 0.3803



67.7528, 0.2620, 0.3176

Rectangle

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



67.7528, 0.2908, 0.2825



67.7528, 0.3388, 0.3056



67.7528, 0.3330, 0.3803



67.7528, 0.2861, 0.3540

Sweetspot

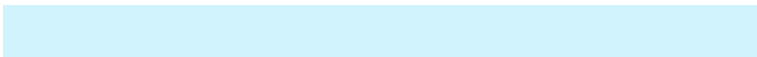
The Sweet Spot groups the original color and five complimentary colors.



67.7556, 0.2908, 0.2825



90.3118, 0.3070, 0.3165



85.0343, 0.2859, 0.3190



19.0498, 0.3061, 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.



67.7556, 0.2908, 0.2825



63.4410, 0.2856, 0.2718



71.3161, 0.3058, 0.2845



17.5767, 0.3014, 0.3047



4.2955, 0.1621, 0.0666



0.4645, 0.1725, 0.0724

Inverse Universe

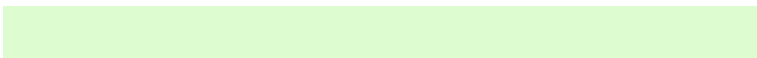
The Inverse Universe completely reimagines the original color for something new.



72.9599, 0.3216, 0.2952



69.7048, 0.3238, 0.2879



90.3065, 0.3183, 0.3753



18.2256, 0.3173, 0.3108



13.2413, 0.3884, 0.1913



1.3057, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 67.7528, 0.2908, 0.2825 looks on a white background.

Color Contrast Check

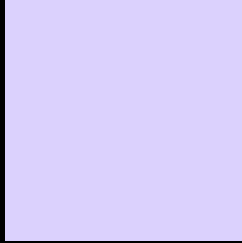
Large Text (above 18pt) WCAG AA × Fail

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 67.7528, 0.2908, 0.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

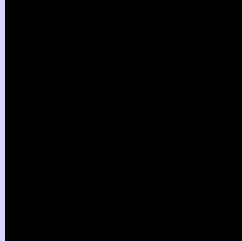
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

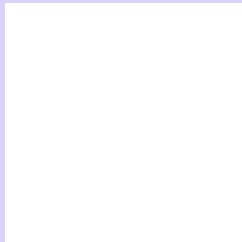
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7528, 0.2908, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 67.7528, 0.2908, 0.2825.

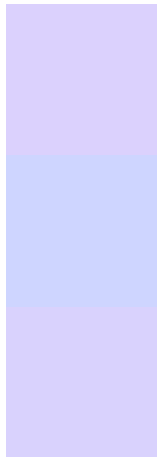


This preview shows how white text looks on a background with the Yxy color 67.7528, 0.2908, 0.2825.

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

67.7528, 0.2908, 0.2825

Protanopia

67.9303, 0.2811, 0.2838

Deuteranopia

67.9367, 0.2895, 0.2834



Tritanopia

67.7487, 0.3028, 0.3103

Trichromacy



Original Color

67.7528, 0.2908, 0.2825

Protanomaly

68.0916, 0.2849, 0.2841

Deuteranomaly

68.0905, 0.2902, 0.2835

Tritanomaly

67.8589, 0.2983, 0.3008

Monochromacy



Original Color

67.7528, 0.2908, 0.2825

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.7117, 0.3049, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7528, 0.2908, 0.2825 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(219, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 253)  
}
```

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(219, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 253) }
```

Border

The CSS property to change the border of an element to Yxy 67.7528, 0.2908, 0.2825 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(219, 209, 253) }
```

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

```
.border{ border-color:rgb(219, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7528, 0.2908, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 253) }
```

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

```
.background{ background-color: rgb(219,  
209, 253) }
```

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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