

Converting Colors

$Yxy(67.9871, 0.2951, 0.2864)$

Have a look what the booklet for
Yxy(67.9871, 0.2951, 0.2864)
contains.

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Color

Yxy(67.9701, 0.2954, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	DED1F9
RGB	222, 209, 249
RGB Percent	87%, 82%, 98%
CMY	0.1293, 0.1804, 0.0234
CMYK	0.11, 0.16, 0.00, 0.02
HSL	260°, 77%, 90%
HSV	260°, 16%, 98%
XYZ	70.0327, 67.9701, 99.0747
YIQ	217.4470, -5.0920, 15.1960

Conversions

Conversions Part 2

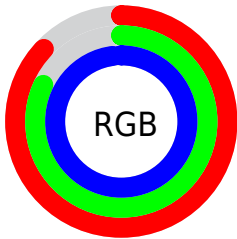
Format	Color
R _Y B	222, 209, 249
Decimal	14602745
CIE _{Lab}	85.99, 11.99, -17.96
CIE _{LCh}	86, 21.589, 303.720
Yxy	67.9701, 0.2954, 0.2867
Android (android.graphics.Color)	4292792825 (0xFFDED1F9)
YUV	217.4470, 15.5556, 3.9930
Hunter-Lab	82.4440, 7.3512, -13.5392

Details

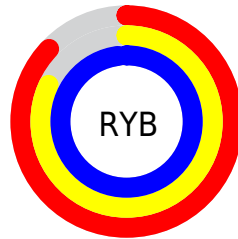
The Yxy color $67.9701, 0.2954, 0.2867$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.2057, 0.3282, 0.3701$, and the grayscale version is $69.6090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.5084, 0.2910, 0.2771$ is the 20% darker color. If you saturate the color by 10%, you get $54.1719, 0.2825, 0.2572$, and if you desaturate by 10%, it is $83.9481, 0.3067, 0.3138$.

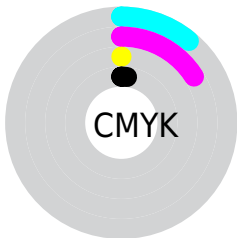
Distribution



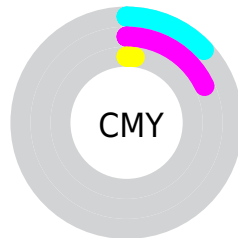
- Red (87%)
- Green (82%)
- Blue (98%)



- Red (87%)
- Yellow (82%)
- Blue (98%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9701, 0.2954, 0.2867 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 67.9701, 0.2954, 0.2867 by changing the saturation by 10% instead.

67.9701, 0.2954,
0.2867

67.9701, 0.2954,
0.2867

453.3901, 0.3036,
0.3060

49.8734, 0.2935,
0.2824

116.3094, 0.2983,
0.2933

35.3128, 0.2911,
0.2771

147.3207, 0.2994,
0.2959

23.9039, 0.2880,
0.2704

183.4058, 0.3004,
0.2982

15.2624, 0.2839,
0.2618

224.9489, 0.3012,
0.3001

9.0037, 0.2782,
0.2504

272.3345, 0.3019,
0.3019

4.7436, 0.2699,
0.2343

325.9470, 0.3026,

2.0976, 0.2566,

0.3034

0.2102

386.1707, 0.3031,
0.3048

0.6633, 0.2336,
0.1674

0.0000, 0.0000,
0.0000

67.9701, 0.2954,
0.2867

67.9701, 0.2954,
0.2867

54.1719, 0.2825,
0.2572

83.9481, 0.3067,
0.3138

42.4487, 0.2680,
0.2258

99.6214, 0.3162,
0.3347

32.7000, 0.2521,
0.1935

24.8130, 0.2353,
0.1617

■ 18.6636, 0.2183,
0.1323

■ 14.1116, 0.2021,
0.1072

■ 10.9944, 0.1877,
0.0880

■ 9.1114, 0.1758,
0.0755

■ 8.5936, 0.1718,
0.0720

Harmonies

Analogous

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



67.9701, 0.2742, 0.2857



67.9701, 0.2954, 0.2867



67.9701, 0.3221, 0.2978

Triad

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



67.9701, 0.2954, 0.2867



67.9701, 0.3645, 0.3596



67.9701, 0.2788, 0.3410

Complementary

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



67.9701, 0.2954, 0.2867



90.2057, 0.3282, 0.3701

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.



67.9701, 0.3018, 0.3635



67.9701, 0.2954, 0.2867



67.9701, 0.3517, 0.3735

Square

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



67.9701, 0.2954, 0.2867



67.9701, 0.3630, 0.3387



67.9701, 0.3285, 0.3755



67.9701, 0.2649, 0.3159

Rectangle

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



67.9701, 0.2954, 0.2867



67.9701, 0.3395, 0.3096



67.9701, 0.3285, 0.3755



67.9701, 0.2857, 0.3492

Sweetspot

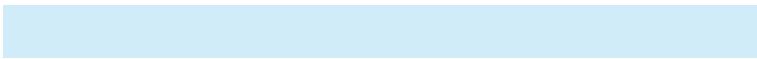
The Sweet Spot groups the original color and five complimentary colors.



67.9730, 0.2954, 0.2867



90.5385, 0.3078, 0.3166



80.5896, 0.2877, 0.3155



19.1047, 0.3070, 0.3148



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.



67.9730, 0.2954, 0.2867



67.2083, 0.2918, 0.2782



71.2617, 0.3093, 0.2884



16.9173, 0.3030, 0.3048



4.6668, 0.1733, 0.0729



0.4870, 0.1860, 0.0798

Inverse Universe

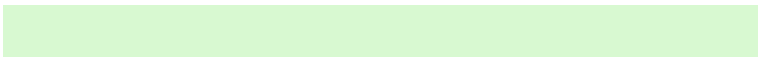
The Inverse Universe completely reimagines the original color for something new.



71.7990, 0.3236, 0.3017



71.9134, 0.3260, 0.2965



87.0230, 0.3154, 0.3718



17.4228, 0.3188, 0.3131



12.3200, 0.4245, 0.2112



1.1605, 0.4090, 0.2027

Previews

White Background



This preview shows how the Yxy color 67.9701, 0.2954, 0.2867 looks on a white background.

Color Contrast Check

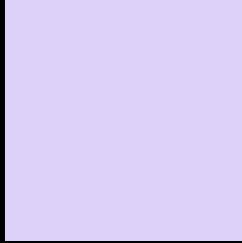
Large Text (above 18pt) WCAG AA × Fail

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 67.9701, 0.2954, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

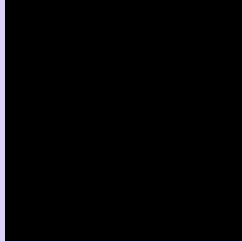
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9701, 0.2954, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 67.9701, 0.2954, 0.2867.



This preview shows how white text looks on a background with the Yxy color 67.9701, 0.2954, 0.2867.

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

67.9701, 0.2954, 0.2867

Protanopia

68.0267, 0.2842, 0.2869

Deuteranopia

68.1484, 0.2940, 0.2877



Tritanopia

67.8042, 0.3063, 0.3105

Trichromacy



Original Color

67.9701, 0.2954, 0.2867

Protanomaly

68.1981, 0.2881, 0.2872

Deuteranomaly

68.3049, 0.2947, 0.2877

Tritanomaly

67.8603, 0.3024, 0.3020

Monochromacy



Original Color

67.9701, 0.2954, 0.2867

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8103, 0.3063, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9701, 0.2954, 0.2867 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(222, 209, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 249)  
}
```

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(222, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 249) }
```

Border

The CSS property to change the border of an element to Yxy 67.9701, 0.2954, 0.2867 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(222, 209, 249) }
```

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

```
.border{ border-color:rgb(222, 209, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 209, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 209, 249); box-shadow:4px 4px 4px 4px rgb(222, 209, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9701, 0.2954, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 249) }
```

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

```
.background{ background-color: rgb(222,  
209, 249) }
```

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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