

Converting Colors

Yxy(68.9243, 0.2940, 0.2907)

Have a look what the booklet for
Yxy(68.9243, 0.2940, 0.2907)
contains.

Yxy(68.9243, 0.2940, 0.2907)	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(68.9243, 0.2940, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4F8
RGB	219, 212, 248
RGB Percent	86%, 83%, 97%
CMY	0.1411, 0.1686, 0.0273
CMYK	0.12, 0.15, 0.00, 0.03
HSL	252°, 72%, 90%
HSV	252°, 15%, 97%
XYZ	69.7067, 68.9243, 98.4667
YIQ	218.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

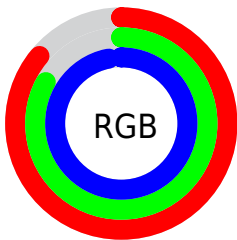
Format	Color
R _Y B	219, 212, 248
Decimal	14406904
CIE Lab	86.47, 9.24, -16.74
CIE LCh	86, 19.120, 298.885
Yxy	68.9243, 0.2940, 0.2907
Android (android.graphics.Color)	4292596984 (0xFFDBD4F8)
YUV	218.1970, 14.6929, 0.7042
Hunter-Lab	83.0207, 4.5880, -12.2065

Details

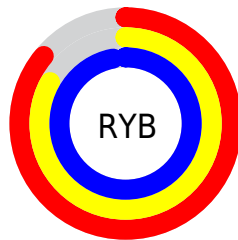
The Yxy color $68.9243, 0.2940, 0.2907$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.6167, 0.3298, 0.3656$, and the grayscale version is $70.1581, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.8122, 0.2892, 0.2808$ is the 20% darker color. If you saturate the color by 10%, you get $54.5494, 0.2788, 0.2608$, and if you desaturate by 10%, it is $85.5817, 0.3073, 0.3177$.

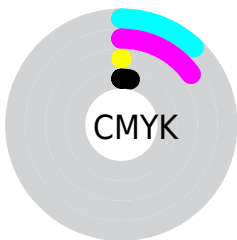
Distribution



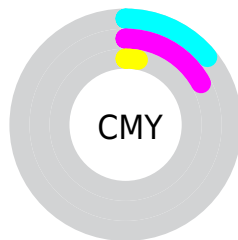
- Red (86%)
- Green (83%)
- Blue (97%)



- Red (86%)
- Yellow (83%)
- Blue (97%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9243, 0.2940, 0.2907 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 68.9243, 0.2940, 0.2907 by changing the saturation by 10% instead.

68.9243, 0.2940,
0.2907

68.9243, 0.2940,
0.2907

456.7639, 0.3028,
0.3082

50.6501, 0.2919,
0.2868

117.6734, 0.2971,
0.2967

35.9302, 0.2894,
0.2819

148.9171, 0.2983,
0.2991

24.3803, 0.2861,
0.2759

185.2528, 0.2993,
0.3011

15.6160, 0.2819,
0.2680

227.0648, 0.3002,
0.3029

9.2528, 0.2759,
0.2575

274.7375, 0.3010,
0.3045

4.9064, 0.2673,
0.2426

328.6553, 0.3017,

2.1925, 0.2537,

0.3058

0.2203

389.2027, 0.3023,
0.3071

0.7159, 0.2299,
0.1814

0.0000, 0.0000,
0.0000

68.9243, 0.2940,
0.2907

68.9243, 0.2940,
0.2907

54.5494, 0.2788,
0.2608

85.5817, 0.3073,
0.3177

42.3484, 0.2619,
0.2285

99.5597, 0.3167,
0.3357

32.2172, 0.2435,
0.1947

24.0393, 0.2244,
0.1611

■ 17.6865, 0.2056,
0.1296

■ 13.0151, 0.1882,
0.1025

■ 9.8594, 0.1735,
0.0819

■ 8.0180, 0.1626,
0.0689

■ 7.4146, 0.1582,
0.0645

Harmonies

Analogous

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



68.9243, 0.2764, 0.2915



68.9243, 0.2940, 0.2907



68.9243, 0.3172, 0.2992

Triad

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



68.9243, 0.2940, 0.2907



68.9243, 0.3590, 0.3535



68.9243, 0.2856, 0.3431

Complementary

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



68.9243, 0.2940, 0.2907



90.6167, 0.3298, 0.3656

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.



68.9243, 0.3069, 0.3617



68.9243, 0.2940, 0.2907



68.9243, 0.3497, 0.3670

Square

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



68.9243, 0.2940, 0.2907



68.9243, 0.3555, 0.3345



68.9243, 0.3304, 0.3704



68.9243, 0.2717, 0.3210

Rectangle

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



68.9243, 0.2940, 0.2907



68.9243, 0.3328, 0.3091



68.9243, 0.3304, 0.3704



68.9243, 0.2921, 0.3501

Sweetspot

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



68.9272, 0.2940, 0.2907



92.1389, 0.3079, 0.3191



83.9422, 0.2903, 0.3220



19.4148, 0.3070, 0.3172



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.



68.9272, 0.2940, 0.2907



69.3612, 0.2904, 0.2835



71.8055, 0.3063, 0.2921



16.8055, 0.3009, 0.3047



4.0493, 0.1593, 0.0651



0.4166, 0.1696, 0.0708

Inverse Universe

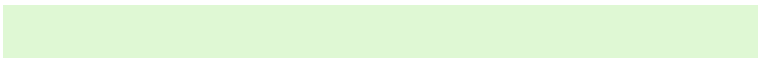
The Inverse Universe completely reimagines the original color for something new.



73.4015, 0.3192, 0.2998



74.8607, 0.3204, 0.2946



87.6648, 0.3182, 0.3670



17.4632, 0.3168, 0.3101



13.0468, 0.3773, 0.1852



1.2227, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 68.9243, 0.2940, 0.2907 looks on a white background.

Color Contrast Check

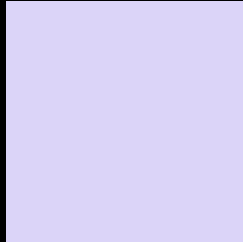
Large Text (above 18pt) WCAG AA × Fail

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 68.9243, 0.2940, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

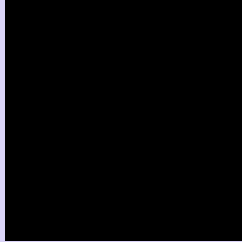
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9243, 0.2940, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 68.9243, 0.2940, 0.2907.



This preview shows how white text looks on a background with the Yxy color 68.9243, 0.2940, 0.2907.

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

68.9243, 0.2940, 0.2907

Protanopia

69.2046, 0.2868, 0.2913

Deuteranopia

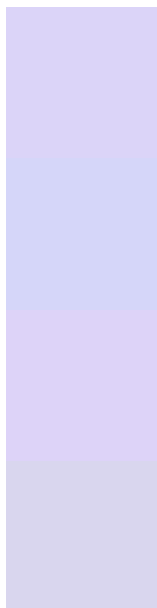
68.8954, 0.2961, 0.2899



Tritanopia

69.0260, 0.3022, 0.3105

Trichromacy



Original Color

68.9243, 0.2940, 0.2907

Protanomaly

69.0788, 0.2894, 0.2915

Deuteranomaly

68.7380, 0.2954, 0.2898

Tritanomaly

69.0179, 0.2990, 0.3031

Monochromacy



Original Color

68.9243, 0.2940, 0.2907

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6743, 0.3055, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9243, 0.2940, 0.2907 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, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 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(219, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 248) }
```

Border

The CSS property to change the border of an element to Yxy 68.9243, 0.2940, 0.2907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

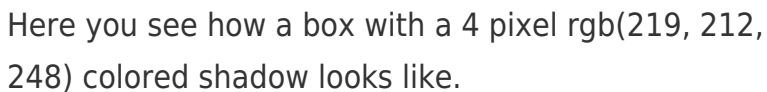
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 212, 248) }
```

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

```
.border{ border-color:rgb(219, 212, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 212, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 212, 248); box-shadow:4px 4px 4px 4px rgb(219, 212, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9243, 0.2940, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 248) }
```

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

```
.background{ background-color: rgb(219,  
212, 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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