

Converting Colors

Yxy(67.8929, 0.2993, 0.2981)

Have a look what the booklet for
Yxy(67.8929, 0.2993, 0.2981)
contains.

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Color

Yxy(67.9399, 0.2991, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	DBD3F0
RGB	219, 211, 240
RGB Percent	86%, 83%, 94%
CMY	0.1412, 0.1725, 0.0588
CMYK	0.09, 0.12, 0.00, 0.06
HSL	257°, 49%, 88%
HSV	257°, 12%, 94%
XYZ	68.2365, 67.9399, 91.9630
YIQ	216.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

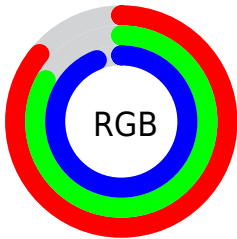
Format	Color
R _Y B	219, 211, 240
Decimal	14406640
CIE Lab	85.98, 8.16, -13.23
CIE LCh	86, 15.542, 301.651
Yxy	67.9399, 0.2991, 0.2978
Android (android.graphics.Color)	4292596720 (0xFFDBD3F0)
YUV	216.6980, 11.4879, 2.0189
Hunter-Lab	82.4257, 3.5272, -8.4524

Details

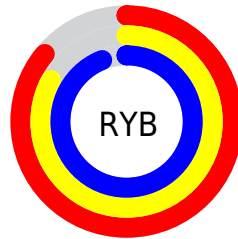
The Yxy color $67.9399, 0.2991, 0.2978$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.1887, 0.3253, 0.3594$, and the grayscale version is $69.0947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4671, 0.2958, 0.2912$ is the 20% darker color. If you saturate the color by 10%, you get $54.3368, 0.2859, 0.2690$, and if you desaturate by 10%, it is $83.6108, 0.3105, 0.3239$.

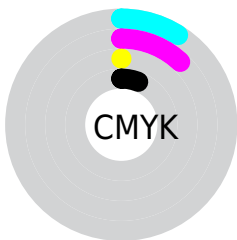
Distribution



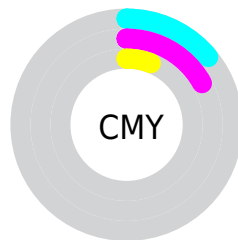
- Red (86%)
- Green (83%)
- Blue (94%)



- Red (86%)
- Yellow (83%)
- Blue (94%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9399, 0.2991, 0.2978 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 67.9399, 0.2991, 0.2978 by changing the saturation by 10% instead.

67.9399, 0.2991,
0.2978

67.9399, 0.2991,
0.2978

453.2830, 0.3056,
0.3122

49.8488, 0.2976,
0.2945

116.2662, 0.3014,
0.3028

35.2933, 0.2957,
0.2905

147.2702, 0.3022,
0.3047

23.8889, 0.2933,
0.2855

183.3472, 0.3030,
0.3064

15.2512, 0.2901,
0.2789

224.8818, 0.3036,
0.3078

8.9959, 0.2857,
0.2700

272.2583, 0.3042,
0.3091

4.7385, 0.2791,
0.2573

325.8611, 0.3047,

2.0947, 0.2686,

0.3102

0.2378

386.0745, 0.3052,
0.3112

0.6616, 0.2503,
0.2000

0.0000, 0.0000,
0.0000

67.9399, 0.2991,
0.2978

67.9399, 0.2991,
0.2978

54.3368, 0.2859,
0.2690

83.6108, 0.3105,
0.3239

42.7057, 0.2711,
0.2379

98.8396, 0.3207,
0.3435

32.9558, 0.2547,
0.2054

99.0719, 0.3214,
0.3434

24.9860, 0.2372,
0.1726

■ 18.6851, 0.2193,
0.1413

■ 13.9295, 0.2021,
0.1137

■ 10.5773, 0.1866,
0.0916

■ 8.4592, 0.1739,
0.0764

■ 7.4555, 0.1660,
0.0688

Harmonies

Analogous

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



67.9399, 0.2840, 0.2979



67.9399, 0.2991, 0.2978



67.9399, 0.3183, 0.3055

Triad

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



67.9399, 0.2991, 0.2978



67.9399, 0.3502, 0.3505



67.9399, 0.2892, 0.3389

Complementary

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



67.9399, 0.2991, 0.2978



84.1887, 0.3253, 0.3594

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.



67.9399, 0.3063, 0.3544



67.9399, 0.2991, 0.2978



67.9399, 0.3418, 0.3607

Square

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



67.9399, 0.2991, 0.2978



67.9399, 0.3483, 0.3352



67.9399, 0.3256, 0.3624



67.9399, 0.2784, 0.3211

Rectangle

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



67.9399, 0.2991, 0.2978



67.9399, 0.3308, 0.3140



67.9399, 0.3256, 0.3624



67.9399, 0.2944, 0.3446

Sweetspot

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



67.9428, 0.2991, 0.2978



92.2894, 0.3085, 0.3191



78.0103, 0.2940, 0.3207



19.4528, 0.3076, 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.



67.9428, 0.2991, 0.2978



73.0954, 0.2954, 0.2895



70.2473, 0.3092, 0.2988



15.4395, 0.3022, 0.3049



4.1375, 0.1673, 0.0695



0.3920, 0.1808, 0.0769

Inverse Universe

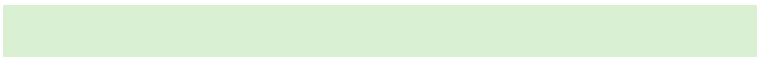
The Inverse Universe completely reimagines the original color for something new.



70.9452, 0.3196, 0.3072



77.3164, 0.3215, 0.3017



81.9006, 0.3157, 0.3603



15.9527, 0.3180, 0.3120



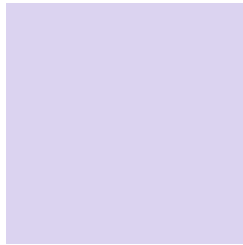
11.8344, 0.4055, 0.2007



1.0012, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 67.9399, 0.2991, 0.2978 looks on a white background.

Color Contrast Check

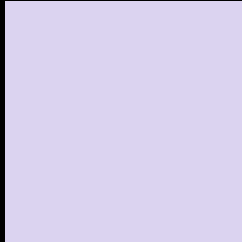
Large Text (above 18pt) WCAG AA × Fail

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 67.9399, 0.2991, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

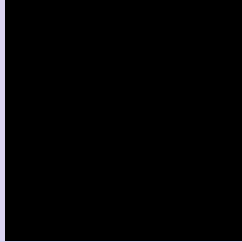
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9399, 0.2991, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 67.9399, 0.2991, 0.2978.



This preview shows how white text looks on a background with the Yxy color 67.9399, 0.2991, 0.2978.

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

67.9399, 0.2991, 0.2978

Protanopia

67.8482, 0.2923, 0.2974

Deuteranopia

67.7395, 0.3027, 0.2960



Tritanopia

68.0534, 0.3042, 0.3104

Trichromacy



Original Color

67.9399, 0.2991, 0.2978

Protanomaly

67.7340, 0.2950, 0.2975

Deuteranomaly

67.9141, 0.3012, 0.2969

Tritanomaly

67.9329, 0.3023, 0.3051

Monochromacy



Original Color

67.9399, 0.2991, 0.2978

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9425, 0.3082, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9399, 0.2991, 0.2978 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, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 240)  
}
```

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, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.9399, 0.2991, 0.2978 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, 211, 240) }
```

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

```
.border{ border-color:rgb(219, 211, 240) }
```

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

Here you see how a box with a 4 pixel rgb(219, 211, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9399, 0.2991, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 240) }
```

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

```
.background{ background-color: rgb(219,  
211, 240) }
```

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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