

Converting Colors

$Yxy(67.6016, 0.2993, 0.2928)$

Have a look what the booklet for
Yxy(67.6016, 0.2993, 0.2928)
contains.

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Color

Yxy(67.6016, 0.2993, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	DED1F3
RGB	222, 209, 243
RGB Percent	87%, 82%, 95%
CMY	0.1293, 0.1804, 0.0472
CMYK	0.09, 0.14, 0.00, 0.05
HSL	263°, 59%, 89%
HSV	263°, 14%, 95%
XYZ	69.1023, 67.6016, 94.1759
YIQ	216.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

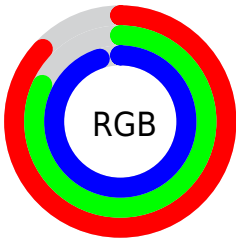
Format	Color
R _Y B	222, 209, 243
Decimal	14602739
CIE Lab	85.81, 10.77, -15.03
CIE LCh	86, 18.489, 305.635
Yxy	67.6016, 0.2993, 0.2928
Android (android.graphics.Color)	4292792819 (0xFFDED1F3)
YUV	216.7630, 12.9348, 4.5928
Hunter-Lab	82.2202, 6.1358, -10.3572

Details

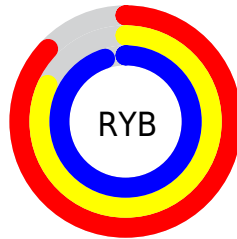
The Yxy color **67.6016, 0.2993, 0.2928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.5027, 0.3248, 0.3646**, and the grayscale version is **69.1311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2460, 0.2960, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **54.3144, 0.2879, 0.2641**, and if you desaturate by 10%, it is **82.9230, 0.3092, 0.3192**.

Distribution



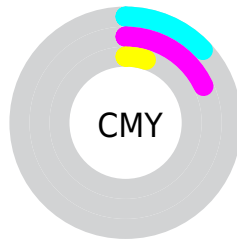
- Red (87%)
- Green (82%)
- Blue (95%)



- Red (87%)
- Yellow (82%)
- Blue (95%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6016, 0.2993, 0.2928 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 67.6016, 0.2993, 0.2928 by changing the saturation by 10% instead.

67.6016, 0.2993,
0.2928

67.6016, 0.2993,
0.2928

452.0832, 0.3057,
0.3094

49.5737, 0.2978,
0.2891

115.7820, 0.3016,
0.2985

35.0748, 0.2959,
0.2845

146.7033, 0.3024,
0.3008

23.7205, 0.2935,
0.2787

182.6912, 0.3032,
0.3027

15.1264, 0.2903,
0.2712

224.1301, 0.3038,
0.3044

8.9081, 0.2858,
0.2610

271.4043, 0.3044,
0.3058

4.6813, 0.2791,
0.2467

324.8983, 0.3049,

2.0615, 0.2683,

0.3072

0.2250

384.9965, 0.3053,
0.3083

0.6429, 0.2498,
0.1836

0.0000, 0.0000,
0.0000

67.6016, 0.2993,
0.2928

67.6016, 0.2993,
0.2928

54.3144, 0.2879,
0.2641

82.9230, 0.3092,
0.3192

42.9653, 0.2749,
0.2336

98.6834, 0.3178,
0.3406

33.4630, 0.2606,
0.2021

99.2493, 0.3197,
0.3405

25.7055, 0.2452,
0.1710

■ 19.5805, 0.2293,
0.1418

■ 14.9620, 0.2137,
0.1163

■ 11.7047, 0.1992,
0.0962

■ 9.6323, 0.1867,
0.0824

■ 8.8015, 0.1802,
0.0766

Harmonies

Analogous

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



67.6016, 0.2805, 0.2915



67.6016, 0.2993, 0.2928



67.6016, 0.3224, 0.3029

Triad

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



67.6016, 0.2993, 0.2928



67.6016, 0.3568, 0.3565



67.6016, 0.2825, 0.3380

Complementary

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



67.6016, 0.2993, 0.2928



85.5027, 0.3248, 0.3646

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.



67.6016, 0.3020, 0.3574



67.6016, 0.2993, 0.2928



67.6016, 0.3451, 0.3677

Square

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



67.6016, 0.2993, 0.2928



67.6016, 0.3562, 0.3388



67.6016, 0.3250, 0.3684



67.6016, 0.2711, 0.3167

Rectangle

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



67.6016, 0.2993, 0.2928



67.6016, 0.3370, 0.3134



67.6016, 0.3250, 0.3684



67.6016, 0.2883, 0.3450

Sweetspot

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



67.6045, 0.2993, 0.2928



92.4900, 0.3092, 0.3191



76.9063, 0.2910, 0.3156



19.5035, 0.3085, 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.



67.6045, 0.2993, 0.2928



70.6687, 0.2960, 0.2842



70.3256, 0.3111, 0.2941



16.2362, 0.3039, 0.3050



4.9035, 0.1817, 0.0775



0.4881, 0.1956, 0.0851

Inverse Universe

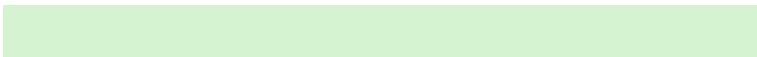
The Inverse Universe completely reimagines the original color for something new.



70.3628, 0.3234, 0.3074



74.3682, 0.3261, 0.3025



82.9130, 0.3139, 0.3658



16.6544, 0.3197, 0.3145



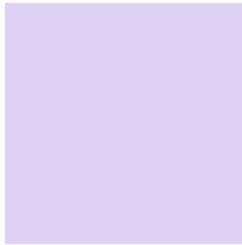
11.6917, 0.4473, 0.2237



1.0476, 0.4271, 0.2127

Previews

White Background



This preview shows how the Yxy color 67.6016, 0.2993, 0.2928 looks on a white background.

Color Contrast Check

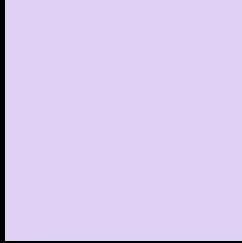
Large Text (above 18pt) WCAG AA × Fail

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 67.6016, 0.2993, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

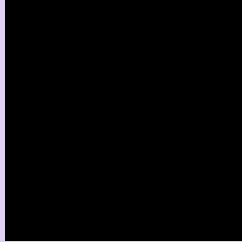
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6016, 0.2993, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 67.6016, 0.2993, 0.2928.



This preview shows how white text looks on a background with the Yxy color 67.6016, 0.2993, 0.2928.

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

67.6016, 0.2993, 0.2928

Protanopia

67.7364, 0.2891, 0.2942

Deuteranopia

67.6016, 0.2993, 0.2928



Tritanopia

67.9040, 0.3077, 0.3116

Trichromacy



Original Color

67.6016, 0.2993, 0.2928

Protanomaly

67.9148, 0.2931, 0.2944

Deuteranomaly

67.6016, 0.2993, 0.2928

Tritanomaly

67.8439, 0.3051, 0.3052

Monochromacy



Original Color

67.6016, 0.2993, 0.2928

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6442, 0.3083, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6016, 0.2993, 0.2928 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 243) }
```

Border

The CSS property to change the border of an element to Yxy 67.6016, 0.2993, 0.2928 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, 243) }
```

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

```
.border{ border-color:rgb(222, 209, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6016, 0.2993, 0.2928 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, 243) }
```

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

```
.background{ background-color: rgb(222,  
209, 243) }
```

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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