

Converting Colors

$Yxy(67.7026, 0.2929, 0.2974)$

Have a look what the booklet for
Yxy(67.7026, 0.2929, 0.2974)
contains.

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Color

Yxy(67.9964, 0.2930, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	D4D5F2
RGB	212, 213, 242
RGB Percent	83%, 84%, 95%
CMY	0.1687, 0.1647, 0.0510
CMYK	0.12, 0.12, 0.00, 0.05
HSL	238°, 54%, 89%
HSV	238°, 12%, 95%
XYZ	66.9679, 67.9964, 93.5950
YIQ	216.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

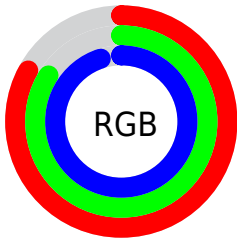
Format	Color
R _{YB}	212, 213, 242
Decimal	13948402
CIE Lab	86.00, 5.24, -14.29
CIE LCh	86, 15.225, 290.141
Yxy	67.9964, 0.2930, 0.2975
Android (android.graphics.Color)	4292138482 (0xFFD4D5F2)
YUV	216.0070, 12.8145, -3.5141
Hunter-Lab	82.4599, 0.6597, -9.5744

Details

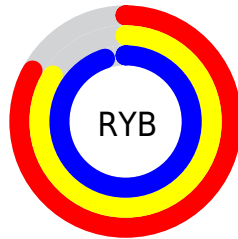
The Yxy color **67.9964, 0.2930, 0.2975** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5204, 0.3314, 0.3587**, and the grayscale version is **68.5905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1670, 0.2879, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **53.7459, 0.2749, 0.2684**, and if you desaturate by 10%, it is **84.4856, 0.3091, 0.3233**.

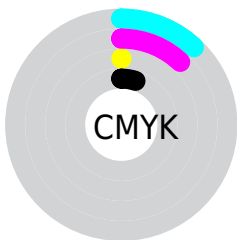
Distribution



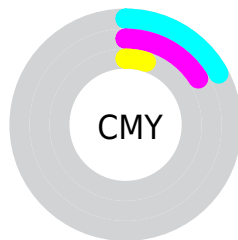
- Red (83%)
- Green (84%)
- Blue (95%)



- Red (83%)
- Yellow (84%)
- Blue (95%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9964, 0.2930, 0.2975 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 67.9964, 0.2930, 0.2975 by changing the saturation by 10% instead.

■ 67.9964, 0.2930,
0.2975

■ 67.9964, 0.2930,
0.2975

453.4833, 0.3023,
0.3120

■ 49.8948, 0.2909,
0.2942

116.3470, 0.2962,
0.3025

■ 35.3298, 0.2882,
0.2901

147.3648, 0.2975,
0.3045

■ 23.9171, 0.2848,
0.2850

183.4568, 0.2986,
0.3062

■ 15.2721, 0.2803,
0.2782

225.0073, 0.2995,
0.3077

■ 9.0106, 0.2742,
0.2691

272.4009, 0.3003,
0.3090

■ 4.7481, 0.2652,
0.2561

326.0218, 0.3010,

■ 2.1002, 0.2509,

0.3101

0.2361

386.2544, 0.3017,
0.3111

0.6648, 0.2259,
0.1976

0.0000, 0.0000,
0.0000

67.9964, 0.2930,
0.2975

67.9964, 0.2930,
0.2975

53.7459, 0.2749,
0.2684

84.4856, 0.3091,
0.3233

41.6297, 0.2550,
0.2362

99.1906, 0.3203,
0.3415

31.5476, 0.2339,
0.2019

23.3880, 0.2125,
0.1669

■ 17.0287, 0.1924,
0.1335

■ 12.3336, 0.1749,
0.1042

■ 9.1470, 0.1617,
0.0816

■ 7.2838, 0.1535,
0.0672

■ 6.5905, 0.1504,
0.0615

Harmonies

Analogous

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



67.9964, 0.2808, 0.3007



67.9964, 0.2930, 0.2975



67.9964, 0.3108, 0.3022

Triad

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



67.9964, 0.2930, 0.2975



67.9964, 0.3499, 0.3447



67.9964, 0.2956, 0.3451

Complementary

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



67.9964, 0.2930, 0.2975



86.5204, 0.3314, 0.3587

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.



67.9964, 0.3138, 0.3579



67.9964, 0.2930, 0.2975



67.9964, 0.3454, 0.3570

Square

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



67.9964, 0.2930, 0.2975



67.9964, 0.3441, 0.3289



67.9964, 0.3321, 0.3622



67.9964, 0.2822, 0.3279

Rectangle

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



67.9964, 0.2930, 0.2975



67.9964, 0.3235, 0.3092



67.9964, 0.3321, 0.3622



67.9964, 0.3013, 0.3501

Sweetspot

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



67.9992, 0.2930, 0.2975



91.9918, 0.3067, 0.3194



83.8170, 0.2946, 0.3305



19.3777, 0.3055, 0.3175



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.



67.9992, 0.2930, 0.2975



72.1076, 0.2884, 0.2901



69.5752, 0.3024, 0.2973



15.3155, 0.2979, 0.3054



3.5805, 0.1506, 0.0621



0.3282, 0.1522, 0.0678

Inverse Universe

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



70.7596, 0.3345, 0.3280



75.8220, 0.3400, 0.3278



84.8286, 0.3221, 0.3606



15.7676, 0.3288, 0.3282



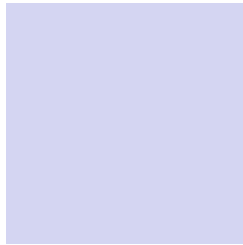
10.1548, 0.6364, 0.3280



0.8478, 0.6270, 0.3228

Previews

White Background



This preview shows how the Yxy color 67.9964, 0.2930, 0.2975 looks on a white background.

Color Contrast Check

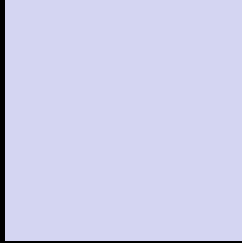
Large Text (above 18pt) WCAG AA × Fail

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 67.9964, 0.2930, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

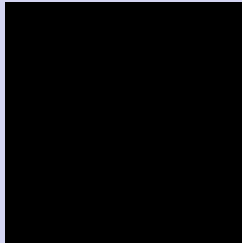
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9964, 0.2930, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 67.9964, 0.2930, 0.2975.

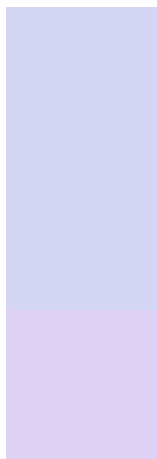


This preview shows how white text looks on a background with the Yxy color 67.9964, 0.2930, 0.2975.

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

67.9964, 0.2930, 0.2975

Protanopia

67.8482, 0.2923, 0.2974

Deuteranopia

67.7600, 0.3000, 0.2928



Tritanopia

68.1287, 0.2980, 0.3102

Trichromacy



Original Color

67.9964, 0.2930, 0.2975

Protanomaly

67.8482, 0.2923, 0.2974

Deuteranomaly

67.6243, 0.2972, 0.2936

Tritanomaly

67.9981, 0.2961, 0.3049

Monochromacy



Original Color

67.9964, 0.2930, 0.2975

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4842, 0.3060, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9964, 0.2930, 0.2975 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(212, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 242)  
}
```

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(212, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 242) }
```

Border

The CSS property to change the border of an element to Yxy 67.9964, 0.2930, 0.2975 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(212, 213, 242) }
```

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

```
.border{ border-color:rgb(212, 213, 242) }
```

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

Here you see how a box with a 4 pixel rgb(212, 213, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9964, 0.2930, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 242) }
```

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

```
.background{ background-color: rgb(212,  
213, 242) }
```

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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