

Converting Colors

$Yxy(71.4208, 0.2932, 0.3000)$

Have a look what the booklet for
Yxy(71.4208, 0.2932, 0.3000)
contains.

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Color

Yxy(71.1825, 0.2933, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	D7DAF5
RGB	215, 218, 245
RGB Percent	84%, 85%, 96%
CMY	0.1569, 0.1450, 0.0393
CMYK	0.12, 0.11, 0.00, 0.04
HSL	234°, 60%, 90%
HSV	234°, 12%, 96%
XYZ	69.5696, 71.1825, 96.4439
YIQ	220.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

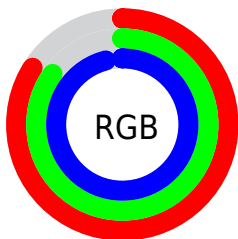
Format	Color
R _{YB}	215, 218, 245
Decimal	14146293
CIE Lab	87.57, 4.17, -13.50
CIE LCh	88, 14.128, 287.159
Yxy	71.1825, 0.2933, 0.3001
Android (android.graphics.Color)	4292336373 (0xFFD7DAF5)
YUV	220.1810, 12.2358, -4.5437
Hunter-Lab	84.3697, -0.4595, -8.7162

Details

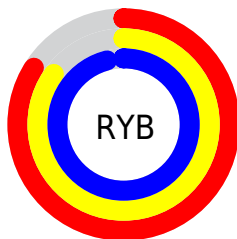
The Yxy color **71.1825, 0.2933, 0.3001** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7865, 0.3314, 0.3563**, and the grayscale version is **71.6207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3421, 0.2884, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **57.0783, 0.2755, 0.2731**, and if you desaturate by 10%, it is **87.3650, 0.3094, 0.3240**.

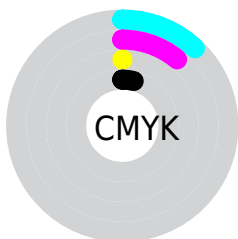
Distribution



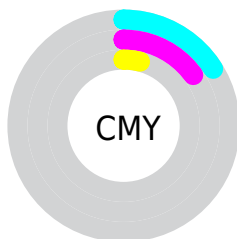
- Red (84%)
- Green (85%)
- Blue (96%)



- Red (84%)
- Yellow (85%)
- Blue (96%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1825, 0.2933, 0.3001 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 71.1825, 0.2933, 0.3001 by changing the saturation by 10% instead.

■ 71.1825, 0.2933,
0.3001

■ 71.1825, 0.2933,
0.3001

464.6912, 0.3023,
0.3134

■ 52.4911, 0.2912,
0.2971

120.8935, 0.2964,
0.3047

■ 37.3967, 0.2887,
0.2934

152.6820, 0.2977,
0.3065

■ 25.5148, 0.2854,
0.2888

189.6050, 0.2987,
0.3080

■ 16.4610, 0.2812,
0.2827

232.0469, 0.2996,
0.3094

■ 9.8510, 0.2753,
0.2746

280.3920, 0.3004,
0.3105

■ 5.3002, 0.2670,
0.2630

335.0249, 0.3011,

■ 2.4245, 0.2539,

0.3116

0.2453

396.3298, 0.3018,
0.3125

0.8384, 0.2308,
0.2151

0.0000, 0.0000,
0.0000

71.1825, 0.2933,
0.3001

71.1825, 0.2933,
0.3001

57.0783, 0.2755,
0.2731

87.3650, 0.3094,
0.3240

44.9594, 0.2561,
0.2432

99.3715, 0.3185,
0.3386

34.7393, 0.2356,
0.2111

26.3212, 0.2149,
0.1780

■ 19.6001, 0.1953,
0.1455

■ 14.4597, 0.1780,
0.1160

■ 10.7692, 0.1644,
0.0916

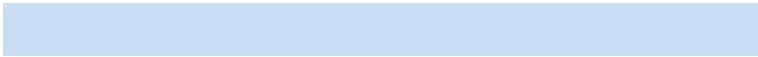
■ 8.3760, 0.1555,
0.0741

■ 7.2779, 0.1516,
0.0656

Harmonies

Analogous

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



71.1825, 0.2827, 0.3038



71.1825, 0.2933, 0.3001



71.1825, 0.3093, 0.3037

Triad

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



71.1825, 0.2933, 0.3001



71.1825, 0.3466, 0.3421



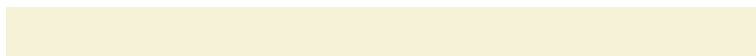
71.1825, 0.2986, 0.3451

Complementary

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



71.1825, 0.2933, 0.3001



87.7865, 0.3314, 0.3563

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.



71.1825, 0.3154, 0.3561



71.1825, 0.2933, 0.3001



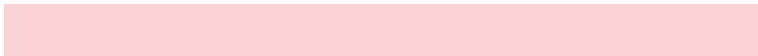
71.1825, 0.3434, 0.3538

Square

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



71.1825, 0.2933, 0.3001



71.1825, 0.3404, 0.3275



71.1825, 0.3319, 0.3592



71.1825, 0.2857, 0.3296

Rectangle

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



71.1825, 0.2933, 0.3001



71.1825, 0.3209, 0.3098



71.1825, 0.3319, 0.3592



71.1825, 0.3040, 0.3495

Sweetspot

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



71.1855, 0.2933, 0.3001



92.4061, 0.3067, 0.3200



86.1176, 0.2959, 0.3326



19.4820, 0.3055, 0.3183



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.



71.1855, 0.2933, 0.3001



73.4464, 0.2885, 0.2929



71.4275, 0.3011, 0.2975



16.1964, 0.2979, 0.3070



4.0119, 0.1519, 0.0669



0.4410, 0.1560, 0.0814

Inverse Universe

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



73.0616, 0.3328, 0.3259



75.9572, 0.3382, 0.3252



87.6040, 0.3233, 0.3600



16.5098, 0.3278, 0.3266



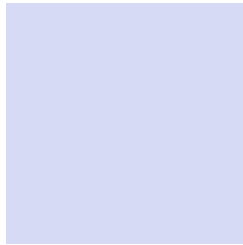
10.5044, 0.6284, 0.3235



0.9322, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 71.1825, 0.2933, 0.3001 looks on a white background.

Color Contrast Check

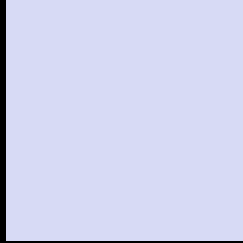
Large Text (above 18pt) WCAG AA × Fail

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 71.1825, 0.2933, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

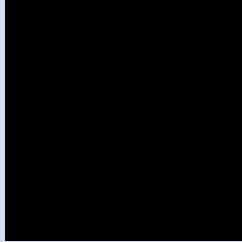
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1825, 0.2933, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 71.1825, 0.2933, 0.3001.

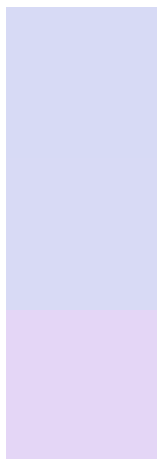


This preview shows how white text looks on a background with the Yxy color 71.1825, 0.2933, 0.3001.

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

71.1825, 0.2933, 0.3001

Protanopia

71.3343, 0.2940, 0.3001

Deuteranopia

71.2409, 0.3015, 0.2956



Tritanopia

71.0736, 0.2976, 0.3095

Trichromacy



Original Color

71.1825, 0.2933, 0.3001

Protanomaly

71.3343, 0.2940, 0.3001

Deuteranomaly

70.9427, 0.2981, 0.2963

Tritanomaly

71.2504, 0.2957, 0.3063

Monochromacy



Original Color

71.1825, 0.2933, 0.3001

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2256, 0.3055, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1825, 0.2933, 0.3001 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(215, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 245)  
}
```

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(215, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.1825, 0.2933, 0.3001 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(215, 218, 245) }
```

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

```
.border{ border-color:rgb(215, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1825, 0.2933, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 245) }
```

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

```
.background{ background-color: rgb(215,  
218, 245) }
```

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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