

Converting Colors

Yxy(68.9818, 0.2925, 0.2956)

Have a look what the booklet for
Yxy(68.9818, 0.2925, 0.2956)
contains.

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Color

Yxy(68.9818, 0.2925, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6F5
RGB	214, 214, 245
RGB Percent	84%, 84%, 96%
CMY	0.1608, 0.1608, 0.0391
CMYK	0.13, 0.13, 0.00, 0.04
HSL	240°, 61%, 90%
HSV	240°, 13%, 96%
XYZ	68.2584, 68.9818, 96.1218
YIQ	217.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

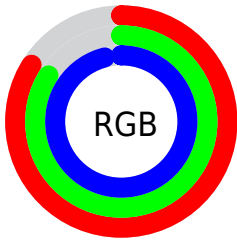
Format	Color
R _Y B	214, 214, 245
Decimal	14079733
CIE Lab	86.50, 5.97, -15.14
CIE LCh	86, 16.278, 291.509
Yxy	68.9818, 0.2925, 0.2956
Android (android.graphics.Color)	4292269813 (0xFFD6D6F5)
YUV	217.5340, 13.5407, -3.0993
Hunter-Lab	83.0553, 1.3522, -10.4790

Details

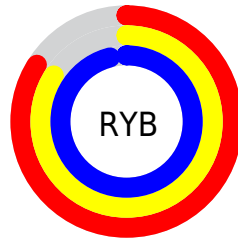
The Yxy color **68.9818, 0.2925, 0.2956** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.5764, 0.3317, 0.3604**, and the grayscale version is **69.6847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8413, 0.2873, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **54.0954, 0.2742, 0.2653**, and if you desaturate by 10%, it is **86.2911, 0.3087, 0.3224**.

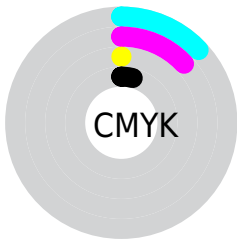
Distribution



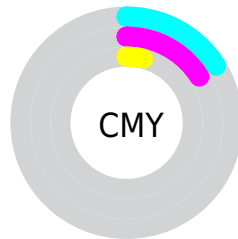
- Red (84%)
- Green (84%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9818, 0.2925, 0.2956 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 68.9818, 0.2925, 0.2956 by changing the saturation by 10% instead.

■ 68.9818, 0.2925,
0.2956

■ 68.9818, 0.2925,
0.2956

456.9668, 0.3020,
0.3110

■ 50.6969, 0.2903,
0.2921

117.7556, 0.2958,
0.3009

■ 35.9674, 0.2876,
0.2878

149.0132, 0.2971,
0.3030

■ 24.4090, 0.2841,
0.2824

185.3639, 0.2982,
0.3048

■ 15.6373, 0.2796,
0.2754

227.1921, 0.2991,
0.3063

■ 9.2679, 0.2733,
0.2660

274.8820, 0.3000,
0.3077

■ 4.9163, 0.2643,
0.2525

328.8182, 0.3007,

■ 2.1982, 0.2500,

0.3089

0.2321

389.3850, 0.3014,
0.3100

0.7190, 0.2251,
0.1952

0.0000, 0.0000,
0.0000

68.9818, 0.2925,
0.2956

68.9818, 0.2925,
0.2956

54.0954, 0.2742,
0.2653

86.2911, 0.3087,
0.3224

41.5157, 0.2540,
0.2319

99.3741, 0.3185,
0.3386

31.1300, 0.2325,
0.1965

22.8127, 0.2109,
0.1607

■ 16.4254, 0.1905,
0.1270

■ 11.8130, 0.1731,
0.0983

■ 8.7965, 0.1603,
0.0770

■ 7.1594, 0.1527,
0.0645

■ 6.5981, 0.1500,
0.0600

Harmonies

Analogous

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



68.9818, 0.2792, 0.2986



68.9818, 0.2925, 0.2956



68.9818, 0.3116, 0.3010

Triad

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



68.9818, 0.2925, 0.2956



68.9818, 0.3524, 0.3463



68.9818, 0.2937, 0.3454

Complementary

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



68.9818, 0.2925, 0.2956



89.5764, 0.3317, 0.3604

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.



68.9818, 0.3129, 0.3594



68.9818, 0.2925, 0.2956



68.9818, 0.3471, 0.3592

Square

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



68.9818, 0.2925, 0.2956



68.9818, 0.3466, 0.3296



68.9818, 0.3325, 0.3643



68.9818, 0.2798, 0.3269

Rectangle

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



68.9818, 0.2925, 0.2956



68.9818, 0.3251, 0.3086



68.9818, 0.3325, 0.3643



68.9818, 0.2997, 0.3508

Sweetspot

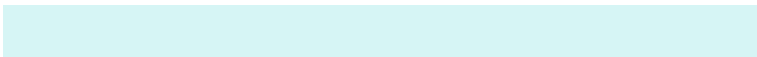
The Sweet Spot groups the original color and five complimentary colors.



68.9847, 0.2925, 0.2956



91.7851, 0.3067, 0.3190



86.1758, 0.2936, 0.3295



19.3257, 0.3055, 0.3171



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.



68.9847, 0.2925, 0.2956



71.4453, 0.2884, 0.2887



71.3349, 0.3028, 0.2966



15.9288, 0.2979, 0.3045



3.5546, 0.1500, 0.0601



0.3131, 0.1501, 0.0602

Inverse Universe

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



72.3573, 0.3358, 0.3290



75.7552, 0.3409, 0.3291



87.0003, 0.3216, 0.3614



16.4827, 0.3294, 0.3290



10.4582, 0.6400, 0.3299



0.9192, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 68.9818, 0.2925, 0.2956 looks on a white background.

Color Contrast Check

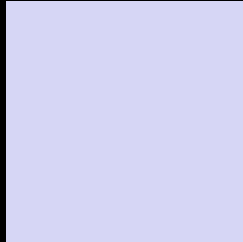
Large Text (above 18pt) WCAG AA × Fail

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 68.9818, 0.2925, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

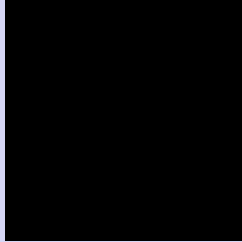
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9818, 0.2925, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 68.9818, 0.2925, 0.2956.

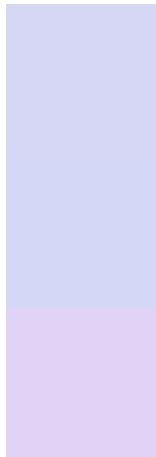


This preview shows how white text looks on a background with the Yxy color 68.9818, 0.2925, 0.2956.

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

68.9818, 0.2925, 0.2956

Protanopia

69.1905, 0.2912, 0.2966

Deuteranopia

69.0896, 0.2987, 0.2921



Tritanopia

68.9920, 0.2987, 0.3103

Trichromacy



Original Color

68.9818, 0.2925, 0.2956

Protanomaly

69.3396, 0.2919, 0.2967

Deuteranomaly

68.9564, 0.2960, 0.2928

Tritanomaly

68.8614, 0.2969, 0.3050

Monochromacy



Original Color

68.9818, 0.2925, 0.2956

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9789, 0.3054, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9818, 0.2925, 0.2956 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(214, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 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(214, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 68.9818, 0.2925, 0.2956 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(214, 214, 245) }
```

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

```
.border{ border-color:rgb(214, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9818, 0.2925, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 245) }
```

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

```
.background{ background-color: rgb(214,  
214, 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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