

Converting Colors

$Y_{xy}(72.4720, 0.2915, 0.2961)$

Have a look what the booklet for
Yxy(72.4720, 0.2915, 0.2961)
contains.

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Color

Yxy(72.3169, 0.2916, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	D9DBFA
RGB	217, 219, 250
RGB Percent	85%, 86%, 98%
CMY	0.1491, 0.1411, 0.0197
CMYK	0.13, 0.12, 0.00, 0.02
HSL	236°, 77%, 92%
HSV	236°, 13%, 98%
XYZ	71.1938, 72.3169, 100.6382
YIQ	221.9360, -11.1430, 9.2170

Conversions

Conversions Part 2

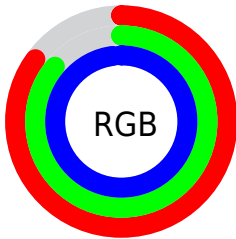
Format	Color
R _{YB}	217, 219, 250
Decimal	14277626
CIE Lab	88.12, 5.29, -15.30
CIE LCh	88, 16.188, 289.069
Yxy	72.3169, 0.2916, 0.2962
Android (android.graphics.Color)	4292467706 (0xFFD9DBFA)
YUV	221.9360, 13.8356, -4.3289
Hunter-Lab	85.0393, 0.6190, -10.6381

Details

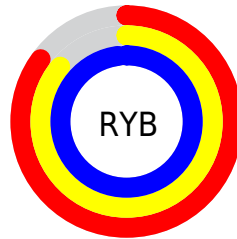
The Yxy color **72.3169, 0.2916, 0.2962** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4312, 0.3328, 0.3598**, and the grayscale version is **72.9046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0826, 0.2870, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **57.3877, 0.2734, 0.2676**, and if you desaturate by 10%, it is **89.5561, 0.3079, 0.3216**.

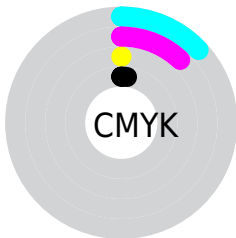
Distribution



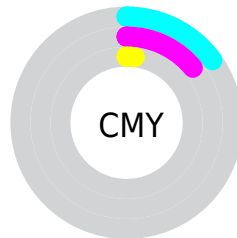
- Red (85%)
- Green (86%)
- Blue (98%)



- Red (85%)
- Yellow (86%)
- Blue (98%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3169, 0.2916, 0.2962 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 72.3169, 0.2916, 0.2962 by changing the saturation by 10% instead.

■ 72.3169, 0.2916,
0.2962

■ 72.3169, 0.2916,
0.2962

468.6439, 0.3014,
0.3112

■ 53.4176, 0.2894,
0.2928

122.5070, 0.2950,
0.3014

■ 38.1362, 0.2866,
0.2887

154.5665, 0.2963,
0.3034

■ 26.0884, 0.2831,
0.2835

191.7816, 0.2975,
0.3051

■ 16.8898, 0.2785,
0.2768

234.5366, 0.2985,
0.3066

■ 10.1560, 0.2723,
0.2678

283.2160, 0.2993,
0.3080

■ 5.5025, 0.2633,
0.2552

338.2040, 0.3001,

■ 2.5450, 0.2495,

0.3092

0.2361

399.8852, 0.3008,
0.3102

0.8991, 0.2256,
0.2045

0.0000, 0.0000,
0.0000

72.3169, 0.2916,
0.2962

72.3169, 0.2916,
0.2962

57.3877, 0.2734,
0.2676

89.5561, 0.3079,
0.3216

44.6619, 0.2536,
0.2361

99.6814, 0.3156,
0.3338

34.0377, 0.2326,
0.2025

25.4019, 0.2116,
0.1682

■ 18.6307, 0.1917,
0.1353

■ 13.5863, 0.1746,
0.1063

■ 10.1118, 0.1617,
0.0835

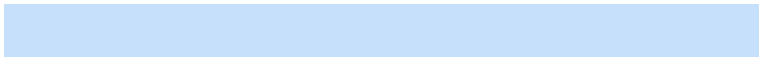
■ 8.0215, 0.1537,
0.0685

■ 7.2566, 0.1508,
0.0628

Harmonies

Analogous

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



72.3169, 0.2791, 0.2998



72.3169, 0.2916, 0.2962



72.3169, 0.3100, 0.3009

Triad

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



72.3169, 0.2916, 0.2962



72.3169, 0.3515, 0.3448



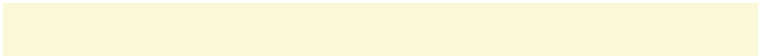
72.3169, 0.2955, 0.3464

Complementary

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



72.3169, 0.2916, 0.2962



92.4312, 0.3328, 0.3598

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.



72.3169, 0.3145, 0.3595



72.3169, 0.2916, 0.2962



72.3169, 0.3471, 0.3578

Square

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



72.3169, 0.2916, 0.2962



72.3169, 0.3450, 0.3283



72.3169, 0.3335, 0.3635



72.3169, 0.2813, 0.3285

Rectangle

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



72.3169, 0.2916, 0.2962



72.3169, 0.3233, 0.3079



72.3169, 0.3335, 0.3635



72.3169, 0.3015, 0.3515

Sweetspot

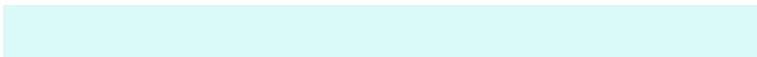
The Sweet Spot groups the original color and five complimentary colors.



72.3199, 0.2916, 0.2962



92.1626, 0.3067, 0.3197



89.8756, 0.2937, 0.3312



19.4207, 0.3055, 0.3178



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.



72.3199, 0.2916, 0.2962



71.0304, 0.2867, 0.2885



73.5481, 0.3012, 0.2950



16.8153, 0.2979, 0.3060



3.9163, 0.1511, 0.0637



0.4213, 0.1536, 0.0728

Inverse Universe

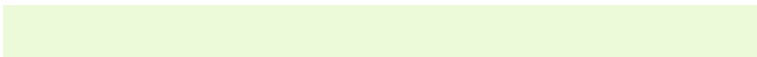
The Inverse Universe completely reimagines the original color for something new.



75.0484, 0.3355, 0.3270



74.4499, 0.3413, 0.3265



91.1508, 0.3231, 0.3627



17.2426, 0.3284, 0.3276



10.8063, 0.6337, 0.3265



1.0068, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 72.3169, 0.2916, 0.2962 looks on a white background.

Color Contrast Check

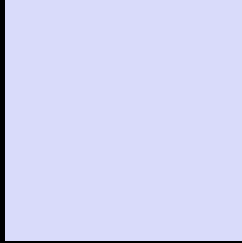
Large Text (above 18pt) WCAG AA × Fail

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 72.3169, 0.2916, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

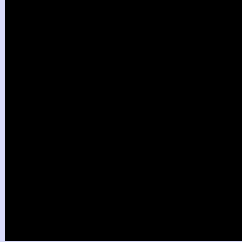
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3169, 0.2916, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 72.3169, 0.2916, 0.2962.

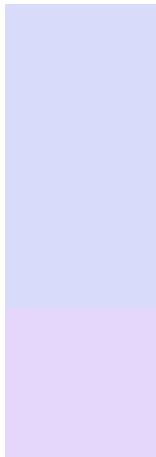


This preview shows how white text looks on a background with the Yxy color 72.3169, 0.2916, 0.2962.

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

72.3169, 0.2916, 0.2962

Protanopia

72.1641, 0.2909, 0.2961

Deuteranopia

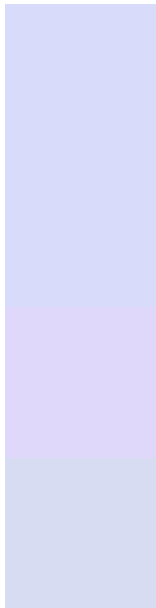
72.0599, 0.2983, 0.2917



Tritanopia

72.3330, 0.2977, 0.3107

Trichromacy



Original Color

72.3169, 0.2916, 0.2962

Protanomaly

72.1641, 0.2909, 0.2961

Deuteranomaly

71.9241, 0.2956, 0.2924

Tritanomaly

72.1961, 0.2959, 0.3054

Monochromacy



Original Color

72.3169, 0.2916, 0.2962

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7547, 0.3049, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3169, 0.2916, 0.2962 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(217, 219, 250)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 250)  
}
```

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(217, 219, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 250) }
```

Border

The CSS property to change the border of an element to Yxy 72.3169, 0.2916, 0.2962 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(217, 219, 250) }
```

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

```
.border{ border-color:rgb(217, 219, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 219, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 219, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 219, 250);  
box-shadow:4px 4px 4px 4px rgb(217, 219,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3169, 0.2916, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 250) }
```

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

```
.background{ background-color: rgb(217,  
219, 250) }
```

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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