

Converting Colors

$Yxy(72.3458, 0.2935, 0.2983)$

Have a look what the booklet for
Yxy(72.3458, 0.2935, 0.2983)
contains.

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Color

Yxy(72.3458, 0.2935, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	DADBF8
RGB	218, 219, 248
RGB Percent	85%, 86%, 97%
CMY	0.1452, 0.1411, 0.0275
CMYK	0.12, 0.12, 0.00, 0.03
HSL	238°, 68%, 91%
HSV	238°, 12%, 97%
XYZ	71.1817, 72.3458, 98.9995
YIQ	222.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

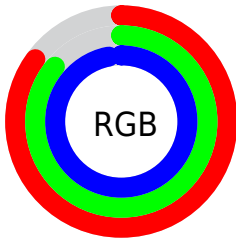
Format	Color
R _Y B	218, 219, 248
Decimal	14343160
CIE Lab	88.13, 5.20, -14.21
CIE LCh	88, 15.135, 290.107
Yxy	72.3458, 0.2935, 0.2983
Android (android.graphics.Color)	4292533240 (0xFFDADBFB)
YUV	222.0070, 12.8145, -3.5141
Hunter-Lab	85.0563, 0.5339, -9.4699

Details

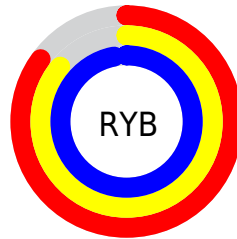
The Yxy color **72.3458, 0.2935, 0.2983** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.5048, 0.3310, 0.3580**, and the grayscale version is **72.9650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1432, 0.2887, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **57.1969, 0.2754, 0.2692**, and if you desaturate by 10%, it is **89.8704, 0.3096, 0.3240**.

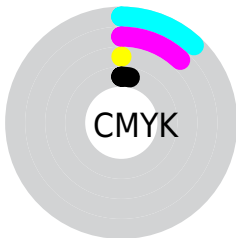
Distribution



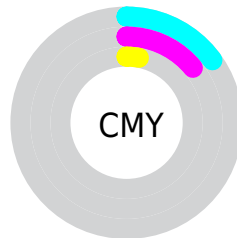
- Red (85%)
- Green (86%)
- Blue (97%)



- Red (85%)
- Yellow (86%)
- Blue (97%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3458, 0.2935, 0.2983 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 72.3458, 0.2935, 0.2983 by changing the saturation by 10% instead.

■ 72.3458, 0.2935,
0.2983

■ 72.3458, 0.2935,
0.2983

468.7443, 0.3024,
0.3123

■ 53.4412, 0.2915,
0.2951

122.5480, 0.2966,
0.3031

■ 38.1551, 0.2889,
0.2913

154.6145, 0.2978,
0.3050

■ 26.1031, 0.2857,
0.2864

191.8370, 0.2988,
0.3066

■ 16.9008, 0.2815,
0.2801

234.5999, 0.2997,
0.3081

■ 10.1638, 0.2758,
0.2716

283.2878, 0.3005,
0.3093

■ 5.5077, 0.2676,
0.2597

338.2848, 0.3012,

■ 2.5481, 0.2549,

0.3104

0.2416

399.9756, 0.3019,
0.3114

0.9006, 0.2327,
0.2114

0.0000, 0.0000,
0.0000

72.3458, 0.2935,
0.2983

72.3458, 0.2935,
0.2983

57.1969, 0.2754,
0.2692

89.8704, 0.3096,
0.3240

44.3128, 0.2555,
0.2371

99.5559, 0.3168,
0.3357

33.5876, 0.2344,
0.2028

24.9031, 0.2130,
0.1677

■ 18.1299, 0.1928,
0.1342

■ 13.1239, 0.1752,
0.1048

■ 9.7204, 0.1619,
0.0820

■ 7.7238, 0.1536,
0.0673

■ 6.9601, 0.1504,
0.0615

Harmonies

Analogous

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



72.3458, 0.2816, 0.3015



72.3458, 0.2935, 0.2983



72.3458, 0.3108, 0.3029

Triad

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



72.3458, 0.2935, 0.2983



72.3458, 0.3489, 0.3443



72.3458, 0.2961, 0.3447

Complementary

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



72.3458, 0.2935, 0.2983



91.5048, 0.3310, 0.3580

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.



72.3458, 0.3138, 0.3571



72.3458, 0.2935, 0.2983



72.3458, 0.3446, 0.3563

Square

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



72.3458, 0.2935, 0.2983



72.3458, 0.3432, 0.3289



72.3458, 0.3316, 0.3613



72.3458, 0.2830, 0.3279

Rectangle

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



72.3458, 0.2935, 0.2983



72.3458, 0.3232, 0.3097



72.3458, 0.3316, 0.3613



72.3458, 0.3016, 0.3496

Sweetspot

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



72.3488, 0.2935, 0.2983



91.9916, 0.3067, 0.3194



88.7071, 0.2950, 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.



72.3488, 0.2935, 0.2983



72.1069, 0.2884, 0.2901



73.9808, 0.3026, 0.2981



16.7381, 0.2979, 0.3053



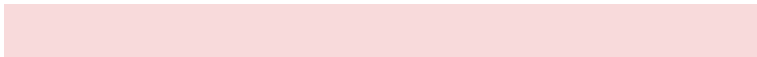
3.8013, 0.1506, 0.0621



0.3846, 0.1520, 0.0672

Inverse Universe

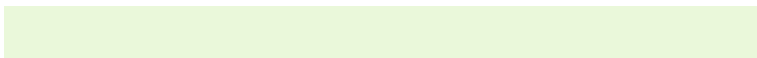
The Inverse Universe completely reimagines the original color for something new.



75.2030, 0.3339, 0.3280



75.8220, 0.3400, 0.3278



89.7558, 0.3219, 0.3598



17.2348, 0.3289, 0.3282



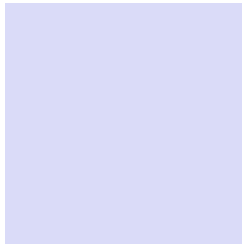
10.7946, 0.6366, 0.3280



1.0030, 0.6280, 0.3233

Previews

White Background



This preview shows how the Yxy color 72.3458, 0.2935, 0.2983 looks on a white background.

Color Contrast Check

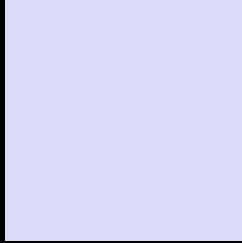
Large Text (above 18pt) WCAG AA × Fail

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 72.3458, 0.2935, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

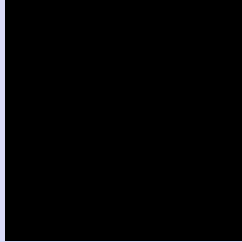
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3458, 0.2935, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 72.3458, 0.2935, 0.2983.



This preview shows how white text looks on a background with the Yxy color 72.3458, 0.2935, 0.2983.

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

72.3458, 0.2935, 0.2983

Protanopia

72.1921, 0.2928, 0.2982

Deuteranopia

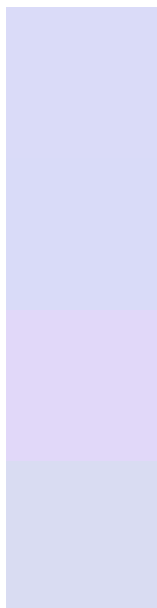
72.0984, 0.3003, 0.2937



Tritanopia

72.4849, 0.2984, 0.3107

Trichromacy



Original Color

72.3458, 0.2935, 0.2983

Protanomaly

72.1921, 0.2928, 0.2982

Deuteranomaly

71.9588, 0.2976, 0.2945

Tritanomaly

72.3489, 0.2965, 0.3055

Monochromacy



Original Color

72.3458, 0.2935, 0.2983

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8546, 0.3062, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3458, 0.2935, 0.2983 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(218, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 248)  
}
```

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(218, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.3458, 0.2935, 0.2983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

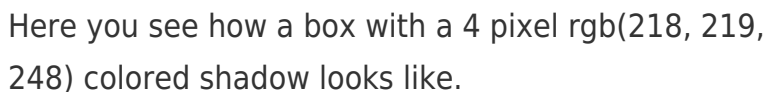
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 219, 248) }
```

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

```
.border{ border-color:rgb(218, 219, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 219, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 219, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 219, 248); box-shadow:4px 4px 4px 4px rgb(218, 219, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3458, 0.2935, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 248) }
```

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

```
.background{ background-color: rgb(218,  
219, 248) }
```

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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