

Converting Colors

$Yxy(71.8509, 0.2937, 0.2981)$

Have a look what the booklet for
Yxy(71.8509, 0.2937, 0.2981)
contains.

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Color

Yxy(71.7636, 0.2941, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	DADAF7
RGB	218, 218, 247
RGB Percent	85%, 85%, 97%
CMY	0.1450, 0.1451, 0.0314
CMYK	0.12, 0.12, 0.00, 0.03
HSL	240°, 64%, 91%
HSV	240°, 12%, 97%
XYZ	70.7769, 71.7636, 98.1154
YIQ	221.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

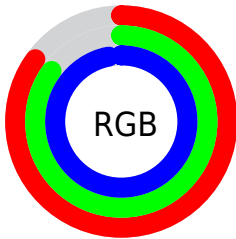
Format	Color
R _{YB}	218, 218, 247
Decimal	14342903
CIE Lab	87.85, 5.55, -14.12
CIE LCh	88, 15.168, 291.455
Yxy	71.7636, 0.2941, 0.2982
Android (android.graphics.Color)	4292532983 (0xFFDADAF7)
YUV	221.3060, 12.6671, -2.8994
Hunter-Lab	84.7134, 0.8859, -9.3706

Details

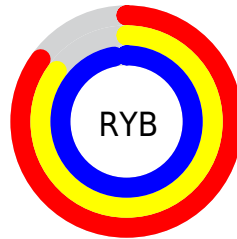
The Yxy color **71.7636, 0.2941, 0.2982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.3536, 0.3303, 0.3581**, and the grayscale version is **72.4501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7425, 0.2894, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **56.3698, 0.2760, 0.2682**, and if you desaturate by 10%, it is **89.6389, 0.3101, 0.3247**.

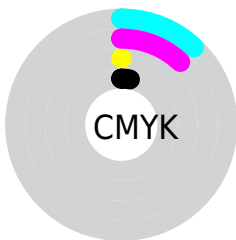
Distribution



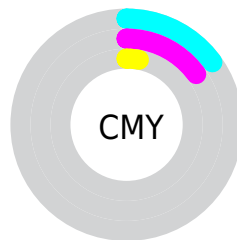
- Red (85%)
- Green (85%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7636, 0.2941, 0.2982 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 71.7636, 0.2941, 0.2982 by changing the saturation by 10% instead.

■ 71.7636, 0.2941,
0.2982

■ 71.7636, 0.2941,
0.2982

466.7184, 0.3028,
0.3123

■ 52.9656, 0.2921,
0.2950

121.7204, 0.2971,
0.3031

■ 37.7753, 0.2897,
0.2911

153.6479, 0.2983,
0.3049

■ 25.8083, 0.2865,
0.2862

190.7208, 0.2993,
0.3066

■ 16.6803, 0.2824,
0.2799

233.3233, 0.3002,
0.3080

■ 10.0068, 0.2769,
0.2714

281.8400, 0.3009,
0.3093

■ 5.4035, 0.2688,
0.2593

336.6551, 0.3016,

■ 2.4859, 0.2563,

0.3104

0.2411

398.1531, 0.3022,
0.3114

0.8696, 0.2342,
0.2104

0.0000, 0.0000,
0.0000

71.7636, 0.2941,
0.2982

71.7636, 0.2941,
0.2982

56.3698, 0.2760,
0.2682

89.6389, 0.3101,
0.3247

43.3394, 0.2559,
0.2350

99.4954, 0.3173,
0.3367

32.5582, 0.2345,
0.1997

23.8989, 0.2128,
0.1638

■ 17.2217, 0.1923,
0.1298

■ 12.3698, 0.1745,
0.1005

■ 9.1631, 0.1612,
0.0785

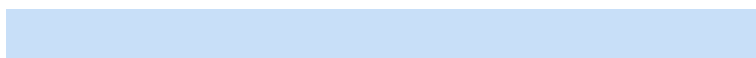
■ 7.3845, 0.1532,
0.0652

■ 6.7164, 0.1500,
0.0600

Harmonies

Analogous

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



71.7636, 0.2818, 0.3010



71.7636, 0.2941, 0.2982



71.7636, 0.3117, 0.3032

Triad

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



71.7636, 0.2941, 0.2982



71.7636, 0.3491, 0.3450



71.7636, 0.2952, 0.3441

Complementary

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



71.7636, 0.2941, 0.2982



91.3536, 0.3303, 0.3581

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.



71.7636, 0.3129, 0.3569



71.7636, 0.2941, 0.2982



71.7636, 0.3443, 0.3568

Square

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



71.7636, 0.2941, 0.2982



71.7636, 0.3439, 0.3296



71.7636, 0.3309, 0.3615



71.7636, 0.2825, 0.3272

Rectangle

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



71.7636, 0.2941, 0.2982



71.7636, 0.3241, 0.3101



71.7636, 0.3309, 0.3615



71.7636, 0.3008, 0.3490

Sweetspot

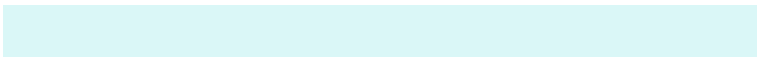
The Sweet Spot groups the original color and five complimentary colors.



71.7666, 0.2941, 0.2982



91.7816, 0.3067, 0.3190



88.1419, 0.2947, 0.3289



19.3248, 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.



71.7666, 0.2941, 0.2982



73.1501, 0.2901, 0.2917



74.0977, 0.3040, 0.2991



15.9273, 0.2979, 0.3045



3.5524, 0.1500, 0.0600



0.3124, 0.1501, 0.0600

Inverse Universe

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



76.6310, 0.3141, 0.3001



79.2982, 0.3144, 0.2943



88.8226, 0.3207, 0.3589



16.7681, 0.3138, 0.3057



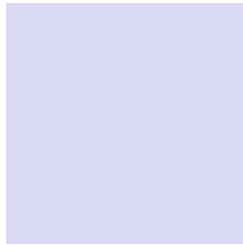
14.0041, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 71.7636, 0.2941, 0.2982 looks on a white background.

Color Contrast Check

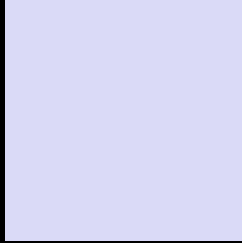
Large Text (above 18pt) WCAG AA × Fail

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 71.7636, 0.2941, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

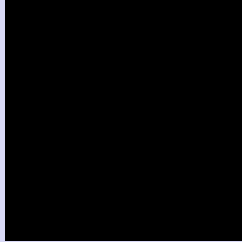
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7636, 0.2941, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 71.7636, 0.2941, 0.2982.

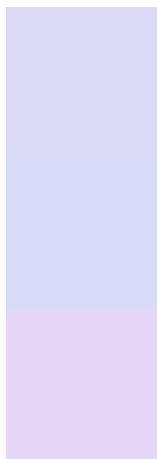


This preview shows how white text looks on a background with the Yxy color 71.7636, 0.2941, 0.2982.

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

71.7636, 0.2941, 0.2982

Protanopia

71.9774, 0.2928, 0.2992

Deuteranopia

71.5285, 0.3009, 0.2937



Tritanopia

71.8998, 0.2990, 0.3106

Trichromacy



Original Color

71.7636, 0.2941, 0.2982

Protanomaly

72.1301, 0.2934, 0.2992

Deuteranomaly

71.3857, 0.2982, 0.2944

Tritanomaly

71.7656, 0.2971, 0.3054

Monochromacy



Original Color

71.7636, 0.2941, 0.2982

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1152, 0.3062, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7636, 0.2941, 0.2982 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, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 247)  
}
```

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, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.7636, 0.2941, 0.2982 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, 218, 247) }
```

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

```
.border{ border-color:rgb(218, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7636, 0.2941, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 247) }
```

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

```
.background{ background-color: rgb(218,  
218, 247) }
```

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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