

Converting Colors

$Yxy(48.1021, 0.2749, 0.2644)$

Have a look what the booklet for
Yxy(48.1021, 0.2749, 0.2644)
contains.

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Color

Yxy(47.9471, 0.2748, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	B5B3E9
RGB	181, 179, 233
RGB Percent	71%, 70%, 91%
CMY	0.2900, 0.2981, 0.0863
CMYK	0.22, 0.23, 0.00, 0.09
HSL	242°, 55%, 81%
HSV	242°, 23%, 91%
XYZ	49.8897, 47.9471, 83.7123
YIQ	185.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

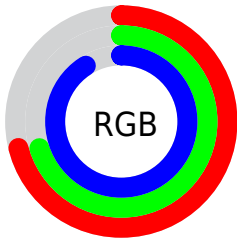
Format	Color
R _Y B	181, 179, 233
Decimal	11908073
CIE Lab	74.79, 11.99, -26.68
CIE LCh	75, 29.252, 294.192
Yxy	47.9471, 0.2748, 0.2641
Android (android.graphics.Color)	4290098153 (0xFFB5B3E9)
YUV	185.7540, 23.2923, -4.1693
Hunter-Lab	69.2438, 7.4312, -23.2079

Details

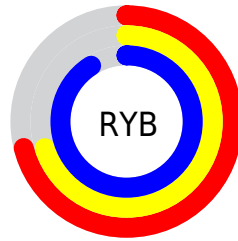
The Yxy color $47.9471, 0.2748, 0.2641$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $78.5109, 0.3462, 0.3871$, and the grayscale version is $48.8358, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8138, 0.3025, 0.3090$, and $22.6081, 0.2641, 0.2472$ is the 20% darker color. If you saturate the color by 10%, you get $36.8896, 0.2552, 0.2310$, and if you desaturate by 10%, it is $61.0224, 0.2925, 0.2943$.

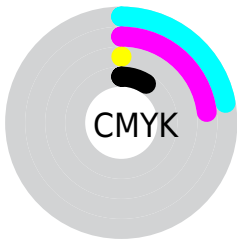
Distribution



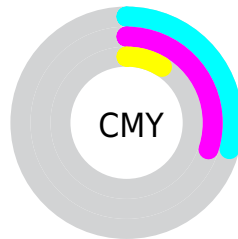
- Red (71%)
- Green (70%)
- Blue (91%)



- Red (71%)
- Yellow (70%)
- Blue (91%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9471, 0.2748, 0.2641 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 47.9471, 0.2748, 0.2641 by changing the saturation by 10% instead.

■ 47.9471, 0.2748,
0.2641

■ 47.9471, 0.2748,
0.2641

378.5824, 0.2937,
0.2952

■ 33.7850, 0.2702,
0.2568

■ 87.1256, 0.2816,
0.2751

■ 22.7285, 0.2643,
0.2477

112.9109, 0.2842,
0.2793

■ 14.3931, 0.2565,
0.2360

143.3392, 0.2864,
0.2829

■ 8.3946, 0.2460,
0.2206

178.7952, 0.2882,
0.2860

■ 4.3485, 0.2309,
0.1994

219.6631, 0.2899,
0.2887

■ 1.8703, 0.2079,
0.1687

266.3273, 0.2913,

■ 0.5305, 0.1712,

0.2911

0.1140

319.1723, 0.2926,
0.2932

0.0000, 0.0000,
0.0000

47.9471, 0.2748,
0.2641

47.9471, 0.2748,
0.2641

36.8896, 0.2552,
0.2310

61.0224, 0.2925,
0.2943

27.7439, 0.2344,
0.1959

76.2029, 0.3082,
0.3212

20.4035, 0.2132,
0.1605

93.5777, 0.3218,
0.3447

14.7488, 0.1931,
0.1273

98.6630, 0.3256,
0.3503

10.6458, 0.1756,
0.0988

■ 7.9402, 0.1622,
0.0776

■ 6.4461, 0.1539,
0.0650

■ 5.9399, 0.1509,
0.0605

Harmonies

Analogous

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



47.9471, 0.2481, 0.2670



47.9471, 0.2748, 0.2641



47.9471, 0.3132, 0.2762

Triad

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



47.9471, 0.2748, 0.2641



47.9471, 0.3936, 0.3642



47.9471, 0.2710, 0.3595

Complementary

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



47.9471, 0.2748, 0.2641



78.5109, 0.3462, 0.3871

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.



47.9471, 0.3081, 0.3911



47.9471, 0.2748, 0.2641



47.9471, 0.3798, 0.3907

Square

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



47.9471, 0.2748, 0.2641



47.9471, 0.3841, 0.3316



47.9471, 0.3481, 0.4020



47.9471, 0.2459, 0.3197

Rectangle

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



47.9471, 0.2748, 0.2641



47.9471, 0.3409, 0.2912



47.9471, 0.3481, 0.4020



47.9471, 0.2824, 0.3717

Sweetspot

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



47.9490, 0.2748, 0.2641



86.0223, 0.3024, 0.3112



72.7275, 0.2783, 0.3268



18.1676, 0.3014, 0.3096



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.



47.9490, 0.2748, 0.2641



51.8121, 0.2653, 0.2480



51.5009, 0.2952, 0.2678



14.5761, 0.2986, 0.3047



3.3825, 0.1512, 0.0607



0.2752, 0.1544, 0.0624

Inverse Universe

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



55.3275, 0.3170, 0.2735



62.4222, 0.3180, 0.2615



74.3949, 0.3269, 0.3908



15.3034, 0.3144, 0.3067



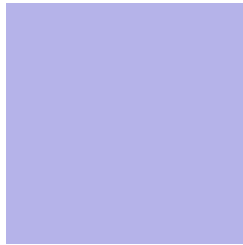
12.8935, 0.3306, 0.1595



1.0155, 0.3291, 0.1587

Previews

White Background



This preview shows how the Yxy color 47.9471, 0.2748, 0.2641 looks on a white background.

Color Contrast Check

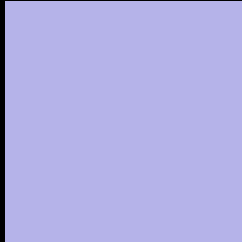
Large Text (above 18pt) WCAG AA × Fail

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 47.9471, 0.2748, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

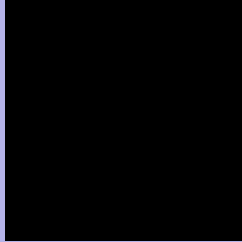
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9471, 0.2748, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 47.9471, 0.2748, 0.2641.



This preview shows how white text looks on a background with the Yxy color 47.9471, 0.2748, 0.2641.

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

47.9471, 0.2748, 0.2641

Protanopia

48.0001, 0.2659, 0.2643

Deuteranopia

47.7558, 0.2712, 0.2647



Tritanopia

47.9820, 0.2934, 0.3097

Trichromacy



Original Color

47.9471, 0.2748, 0.2641

Protanomaly

47.9869, 0.2693, 0.2646

Deuteranomaly

47.9907, 0.2727, 0.2650

Tritanomaly

47.9676, 0.2863, 0.2925

Monochromacy



Original Color

47.9471, 0.2748, 0.2641

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3691, 0.2983, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9471, 0.2748, 0.2641 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(181, 179, 233)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 233)  
}
```

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(181, 179, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 233) }
```

Border

The CSS property to change the border of an element to Yxy 47.9471, 0.2748, 0.2641 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(181, 179, 233) }
```

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

```
.border{ border-color:rgb(181, 179, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 233);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9471, 0.2748, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 233) }
```

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

```
.background{ background-color: rgb(181,  
179, 233) }
```

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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