

Converting Colors

$Yxy(47.9857, 0.2844, 0.2692)$

Have a look what the booklet for
Yxy(47.9857, 0.2844, 0.2692)
contains.

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Color

Yxy(47.8091, 0.2847, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	BDB1E3
RGB	189, 177, 227
RGB Percent	74%, 69%, 89%
CMY	0.2590, 0.3058, 0.1099
CMYK	0.17, 0.22, 0.00, 0.11
HSL	254°, 47%, 79%
HSV	254°, 22%, 89%
XYZ	50.5619, 47.8091, 79.2260
YIQ	186.2880, -8.8980, 18.0940

Conversions

Conversions Part 2

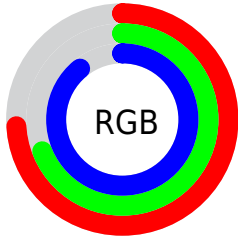
Format	Color
RYB	189, 177, 227
Decimal	12431843
CIELab	74.70, 14.17, -23.50
CIELCh	75, 27.440, 301.083
Yxy	47.8091, 0.2847, 0.2692
Android (android.graphics.Color)	4290621923 (0xFFBDB1E3)
YUV	186.2880, 20.0710, 2.3784
Hunter-Lab	69.1441, 9.5265, -19.5342

Details

The Yxy color $47.8091, 0.2847, 0.2692$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.5629, 0.3370, 0.3854$, and the grayscale version is $49.1591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0907, 0.3078, 0.3074$, and $22.5065, 0.2770, 0.2539$ is the 20% darker color. If you saturate the color by 10%, you get $37.4968, 0.2692, 0.2380$, and if you desaturate by 10%, it is $59.8800, 0.2985, 0.2980$.

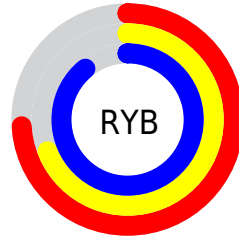
Distribution



Red (74%)

Green (69%)

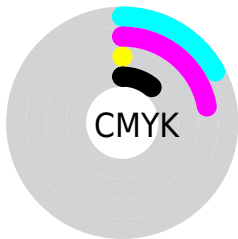
Blue (89%)



Red (74%)

Yellow (69%)

Blue (89%)

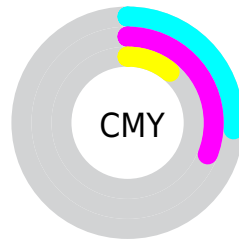


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8091, 0.2847, 0.2692 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 47.8091, 0.2847, 0.2692 by changing the saturation by 10% instead.

■ 47.8091, 0.2847,
0.2692

■ 47.8091, 0.2847,
0.2692

■ 378.0349, 0.2988,
0.2978

■ 33.6757, 0.2812,
0.2624

■ 86.9201, 0.2898,
0.2793

■ 22.6446, 0.2767,
0.2540

■ 112.6665, 0.2918,
0.2832

■ 14.3313, 0.2707,
0.2432

■ 143.0528, 0.2934,
0.2865

■ 8.3515, 0.2625,
0.2287

■ 178.4632, 0.2948,
0.2894

■ 4.3206, 0.2505,
0.2088

■ 219.2823, 0.2960,
0.2919

■ 1.8545, 0.2316,
0.1796

■ 265.8943, 0.2971,

■ 0.5208, 0.2009,

0.2941

0.1244

318.6837, 0.2980,
0.2961

0.0000, 0.0000,
0.0000

47.8091, 0.2847,
0.2692

47.8091, 0.2847,
0.2692

37.4968, 0.2692,
0.2380

59.8800, 0.2985,
0.2980

28.8545, 0.2521,
0.2051

73.7811, 0.3105,
0.3241

21.7942, 0.2340,
0.1719

89.5869, 0.3208,
0.3473

16.2178, 0.2156,
0.1403

98.3253, 0.3292,
0.3562

12.0157, 0.1981,
0.1122

■ 9.0629, 0.1825,
0.0898

■ 7.2103, 0.1700,
0.0744

■ 6.3343, 0.1624,
0.0668

Harmonies

Analogous

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



47.8091, 0.2563, 0.2686



47.8091, 0.2847, 0.2692



47.8091, 0.3223, 0.2835

Triad

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



47.8091, 0.2847, 0.2692



47.8091, 0.3875, 0.3689



47.8091, 0.2668, 0.3492

Complementary

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



47.8091, 0.2847, 0.2692



72.5629, 0.3370, 0.3854

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.



47.8091, 0.2999, 0.3816



47.8091, 0.2847, 0.2692



47.8091, 0.3702, 0.3911

Square

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



47.8091, 0.2847, 0.2692



47.8091, 0.3837, 0.3388



47.8091, 0.3378, 0.3970



47.8091, 0.2465, 0.3124

Rectangle

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



47.8091, 0.2847, 0.2692



47.8091, 0.3477, 0.2992



47.8091, 0.3378, 0.3970



47.8091, 0.2767, 0.3612

Sweetspot

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



47.8111, 0.2847, 0.2692



86.6483, 0.3047, 0.3113



63.6638, 0.2791, 0.3151



18.3121, 0.3039, 0.3098



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.



47.8111, 0.2847, 0.2692



56.3976, 0.2784, 0.2565



51.2445, 0.3044, 0.2726



14.0524, 0.3017, 0.3050



3.7394, 0.1635, 0.0675



0.3184, 0.1779, 0.0754

Inverse Universe

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



52.6920, 0.3248, 0.2868



63.7687, 0.3276, 0.2786



69.0982, 0.3191, 0.3887



14.5533, 0.3174, 0.3113



11.2990, 0.3921, 0.1933



0.8492, 0.3795, 0.1864

Previews

White Background



This preview shows how the Yxy color 47.8091, 0.2847, 0.2692 looks on a white background.

Color Contrast Check

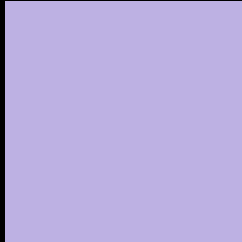
Large Text (above 18pt) WCAG AA × Fail

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 47.8091, 0.2847, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

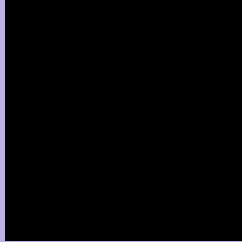
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8091, 0.2847, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 47.8091, 0.2847, 0.2692.



This preview shows how white text looks on a background with the Yxy color 47.8091, 0.2847, 0.2692.

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

47.8091, 0.2847, 0.2692

Protanopia

47.9397, 0.2705, 0.2700

Deuteranopia

47.8368, 0.2788, 0.2729



Tritanopia

47.6775, 0.3028, 0.3100

Trichromacy



Original Color

47.8091, 0.2847, 0.2692

Protanomaly

47.7646, 0.2753, 0.2693

Deuteranomaly

47.7985, 0.2809, 0.2720

Tritanomaly

47.6357, 0.2961, 0.2942

Monochromacy



Original Color

47.8091, 0.2847, 0.2692

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6488, 0.3022, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8091, 0.2847, 0.2692 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(189, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 227)  
}
```

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(189, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 227) }
```

Border

The CSS property to change the border of an element to Yxy 47.8091, 0.2847, 0.2692 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(189, 177, 227) }
```

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

```
.border{ border-color:rgb(189, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8091, 0.2847, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 227) }
```

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

```
.background{ background-color: rgb(189,  
177, 227) }
```

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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