

Converting Colors

$Yxy(49.0979, 0.2847, 0.2793)$

Have a look what the booklet for
Yxy(49.0979, 0.2847, 0.2793)
contains.

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Color

Yxy(49.0979, 0.2847, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	B9B6DF
RGB	185, 182, 223
RGB Percent	73%, 71%, 87%
CMY	0.2746, 0.2862, 0.1255
CMYK	0.17, 0.18, 0.00, 0.13
HSL	244°, 39%, 79%
HSV	244°, 18%, 87%
XYZ	50.0472, 49.0979, 76.6441
YIQ	187.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

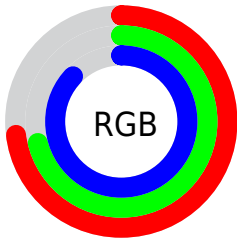
Format	Color
RYB	185, 182, 223
Decimal	12170975
CIELab	75.51, 9.31, -20.13
CIELCh	76, 22.178, 294.807
Yxy	49.0979, 0.2847, 0.2793
Android (android.graphics.Color)	4290361055 (0xFFB9B6DF)
YUV	187.5710, 17.4665, -2.2548
Hunter-Lab	70.0699, 4.8706, -15.8038

Details

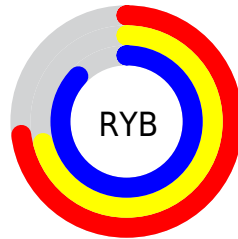
The Yxy color $49.0979, 0.2847, 0.2793$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $71.3709, 0.3381, 0.3749$, and the grayscale version is $49.9360, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0698, 0.3044, 0.3122$, and $23.3530, 0.2762, 0.2657$ is the 20% darker color. If you saturate the color by 10%, you get $38.2924, 0.2667, 0.2478$, and if you desaturate by 10%, it is $61.7364, 0.3008, 0.3077$.

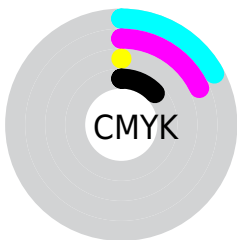
Distribution



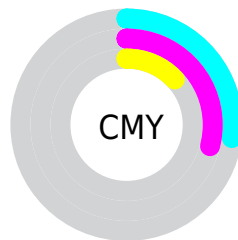
- Red (73%)
- Green (71%)
- Blue (87%)



- Red (73%)
- Yellow (71%)
- Blue (87%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0979, 0.2847, 0.2793 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 49.0979, 0.2847, 0.2793 by changing the saturation by 10% instead.

■ 49.0979, 0.2847,
0.2793

■ 49.0979, 0.2847,
0.2793

■ 383.1276, 0.2986,
0.3033

■ 34.6971, 0.2813,
0.2736

■ 88.8368, 0.2897,
0.2878

■ 23.4297, 0.2769,
0.2664

■ 114.9438, 0.2916,
0.2910

■ 14.9111, 0.2711,
0.2572

■ 145.7217, 0.2933,
0.2938

■ 8.7570, 0.2632,
0.2448

■ 181.5547, 0.2946,
0.2962

■ 4.5830, 0.2517,
0.2274

■ 222.8275, 0.2958,
0.2983

■ 2.0048, 0.2337,
0.2015

■ 269.9243, 0.2969,

■ 0.6102, 0.2034,

0.3002

0.1538

323.2295, 0.2978,
0.3018

0.0000, 0.0000,
0.0000

49.0979, 0.2847,
0.2793

49.0979, 0.2847,
0.2793

38.2924, 0.2667,
0.2478

61.7364, 0.3008,
0.3077

29.2290, 0.2470,
0.2139

76.2810, 0.3149,
0.3329

21.8182, 0.2264,
0.1788

92.8083, 0.3270,
0.3548

15.9602, 0.2058,
0.1446

98.1072, 0.3316,
0.3601

11.5443, 0.1869,
0.1137

■ 8.4451, 0.1710,
0.0886

■ 6.5158, 0.1594,
0.0713

■ 5.5485, 0.1526,
0.0621

■ 5.4378, 0.1519,
0.0610

Harmonies

Analogous

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



49.0979, 0.2637, 0.2818



49.0979, 0.2847, 0.2793



49.0979, 0.3141, 0.2888

Triad

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



49.0979, 0.2847, 0.2793



49.0979, 0.3734, 0.3570



49.0979, 0.2808, 0.3512

Complementary

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



49.0979, 0.2847, 0.2793



71.3709, 0.3381, 0.3749

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.



49.0979, 0.3091, 0.3745



49.0979, 0.2847, 0.2793



49.0979, 0.3631, 0.3763

Square

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



49.0979, 0.2847, 0.2793



49.0979, 0.3665, 0.3321



49.0979, 0.3393, 0.3835



49.0979, 0.2616, 0.3220

Rectangle

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



49.0979, 0.2847, 0.2793



49.0979, 0.3347, 0.3005



49.0979, 0.3393, 0.3835



49.0979, 0.2895, 0.3601

Sweetspot

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



49.0999, 0.2847, 0.2793



88.0295, 0.3042, 0.3139



66.5971, 0.2850, 0.3257



18.5754, 0.3033, 0.3122



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.



49.0999, 0.2847, 0.2793



60.7086, 0.2781, 0.2677



51.8026, 0.3005, 0.2816



13.2902, 0.2992, 0.3048



3.2156, 0.1524, 0.0613



0.2396, 0.1591, 0.0650

Inverse Universe

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



54.3188, 0.3171, 0.2867



69.0235, 0.3181, 0.2778



68.3967, 0.3230, 0.3771



13.9177, 0.3149, 0.3075



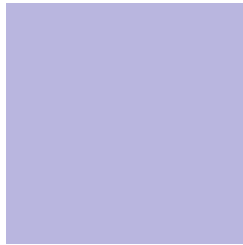
11.8789, 0.3398, 0.1645



0.8286, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 49.0979, 0.2847, 0.2793 looks on a white background.

Color Contrast Check

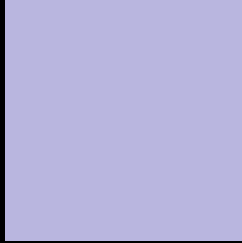
Large Text (above 18pt) WCAG AA × Fail

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 49.0979, 0.2847, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

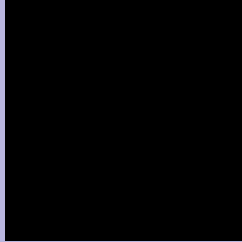
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0979, 0.2847, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 49.0979, 0.2847, 0.2793.



This preview shows how white text looks on a background with the Yxy color 49.0979, 0.2847, 0.2793.

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

49.0979, 0.2847, 0.2793

Protanopia

49.0643, 0.2775, 0.2787

Deuteranopia

49.2227, 0.2855, 0.2794



Tritanopia

49.1586, 0.2974, 0.3100

Trichromacy



Original Color

49.0979, 0.2847, 0.2793

Protanomaly

48.9521, 0.2803, 0.2789

Deuteranomaly

49.2227, 0.2855, 0.2794

Tritanomaly

49.2465, 0.2924, 0.2990

Monochromacy



Original Color

49.0979, 0.2847, 0.2793

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8997, 0.3022, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0979, 0.2847, 0.2793 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(185, 182, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 223)  
}
```

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(185, 182, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 223) }
```

Border

The CSS property to change the border of an element to Yxy 49.0979, 0.2847, 0.2793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

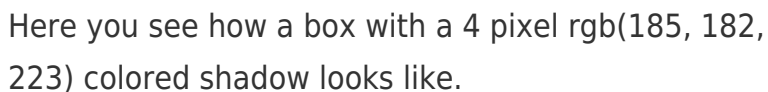
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 182, 223) }
```

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

```
.border{ border-color:rgb(185, 182, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 182, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 182, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 182, 223); box-shadow:4px 4px 4px 4px rgb(185, 182, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0979, 0.2847, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 223) }
```

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

```
.background{ background-color: rgb(185,  
182, 223) }
```

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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