

Converting Colors

$Yxy(47.1631, 0.2888, 0.2626)$

Have a look what the booklet for
Yxy(47.1631, 0.2888, 0.2626)
contains.

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Color

Yxy(47.2800, 0.2886, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADE5
RGB	196, 173, 229
RGB Percent	77%, 68%, 90%
CMY	0.2315, 0.3215, 0.1020
CMYK	0.14, 0.24, 0.00, 0.10
HSL	265°, 52%, 79%
HSV	265°, 24%, 90%
XYZ	51.8427, 47.2800, 80.5125
YIQ	186.2610, -4.2680, 22.2920

Conversions

Conversions Part 2

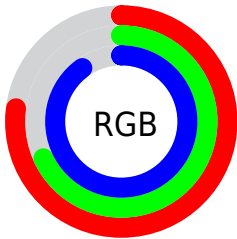
Format	Color
RYB	196, 173, 229
Decimal	12889573
CIELab	74.37, 19.01, -25.05
CIELCh	74, 31.442, 307.192
Yxy	47.2800, 0.2886, 0.2632
Android (android.graphics.Color)	4291079653 (0xFFC4ADE5)
YUV	186.2610, 21.0703, 8.5411
Hunter-Lab	68.7605, 14.2513, -21.2911

Details

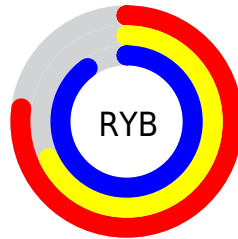
The Yxy color $47.2800, 0.2886, 0.2632$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $72.1774, 0.3326, 0.3934$, and the grayscale version is $49.1371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1413, 0.3125, 0.3038$, and $22.4427, 0.2822, 0.2480$ is the 20% darker color. If you saturate the color by 10%, you get $37.5080, 0.2762, 0.2330$, and if you desaturate by 10%, it is $58.7240, 0.2995, 0.2917$.

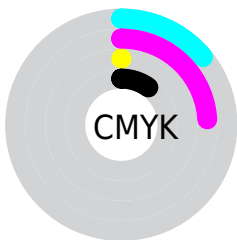
Distribution



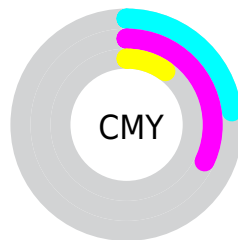
- Red (77%)
- Green (68%)
- Blue (90%)



- Red (77%)
- Yellow (68%)
- Blue (90%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)




- Cyan (23%)
- Magenta (32%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2800, 0.2886, 0.2632 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 47.2800, 0.2886, 0.2632 by changing the saturation by 10% instead.

 47.2800, 0.2886,
0.2632

 47.2800, 0.2886,
0.2632


375.9311, 0.3009,
0.2945

 33.2571, 0.2855,
0.2559


 86.1314, 0.2931,
0.2742

 22.3234, 0.2814,
0.2468


111.7287, 0.2948,
0.2784

 14.0948, 0.2761,
0.2351


141.9529, 0.2962,
0.2821

 8.1866, 0.2686,
0.2197

177.1883, 0.2975,
0.2852

 4.2146, 0.2576,
0.1986

217.8195, 0.2985,
0.2880

 1.7943, 0.2401,
0.1682

264.2307, 0.2994,

 0.4836, 0.2118,

0.2904

0.1106

316.8065, 0.3002,
0.2926

0.0000, 0.0000,
0.0000

47.2800, 0.2886,
0.2632

47.2800, 0.2886,
0.2632

37.5080, 0.2762,
0.2330

58.7240, 0.2995,
0.2917

29.3213, 0.2625,
0.2019

71.9096, 0.3090,
0.3181

22.6337, 0.2477,
0.1713

86.9094, 0.3170,
0.3420

17.3485, 0.2324,
0.1427

97.5019, 0.3248,
0.3545

13.3570, 0.2173,
0.1178

98.4365, 0.3280,
0.3542

■ 10.5339, 0.2032,
0.0981

■ 8.7267, 0.1908,
0.0846

■ 8.0299, 0.1848,
0.0791

Harmonies

Analogous

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



47.2800, 0.2536, 0.2589



47.2800, 0.2886, 0.2632



47.2800, 0.3327, 0.2822

Triad

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



47.2800, 0.2886, 0.2632



47.2800, 0.3964, 0.3803



47.2800, 0.2540, 0.3432

Complementary

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



47.2800, 0.2886, 0.2632



72.1774, 0.3326, 0.3934

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.



47.2800, 0.2892, 0.3837



47.2800, 0.2886, 0.2632



47.2800, 0.3719, 0.4034

Square

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



47.2800, 0.2886, 0.2632



47.2800, 0.3975, 0.3469



47.2800, 0.3323, 0.4062



47.2800, 0.2348, 0.3015

Rectangle

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



47.2800, 0.2886, 0.2632



47.2800, 0.3612, 0.3011



47.2800, 0.3323, 0.4062



47.2800, 0.2642, 0.3577

Sweetspot

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



47.2820, 0.2886, 0.2632



87.1922, 0.3067, 0.3115



58.9750, 0.2745, 0.3021



18.4378, 0.3061, 0.3099



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.



47.2820, 0.2886, 0.2632



54.1914, 0.2829, 0.2491



51.3010, 0.3109, 0.2674



14.1742, 0.3044, 0.3052



4.6581, 0.1863, 0.0800



0.3975, 0.2027, 0.0890

Inverse Universe

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



51.0086, 0.3345, 0.2922



59.7470, 0.3399, 0.2847



68.5877, 0.3133, 0.3974



14.5100, 0.3200, 0.3152



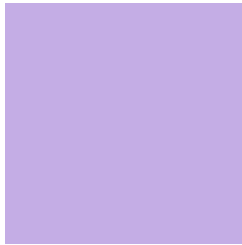
10.5507, 0.4577, 0.2295



0.7980, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 47.2800, 0.2886, 0.2632 looks on a white background.

Color Contrast Check

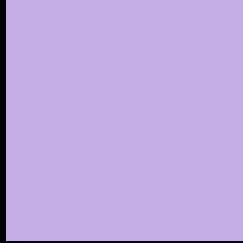
Large Text (above 18pt) WCAG AA × Fail

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 47.2800, 0.2886, 0.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

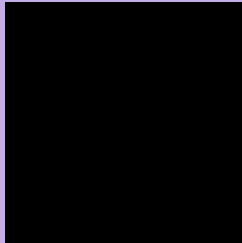
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2800, 0.2886, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 47.2800, 0.2886, 0.2632.



This preview shows how white text looks on a background with the Yxy color 47.2800, 0.2886, 0.2632.

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

47.2800, 0.2886, 0.2632

Protanopia

47.4809, 0.2651, 0.2629

Deuteranopia

47.3066, 0.2758, 0.2691



Tritanopia

47.4847, 0.3101, 0.3114

Trichromacy



Original Color

47.2800, 0.2886, 0.2632

Protanomaly

47.3077, 0.2732, 0.2626

Deuteranomaly

47.3600, 0.2810, 0.2676

Tritanomaly

47.1557, 0.3018, 0.2921

Monochromacy



Original Color

47.2800, 0.2886, 0.2632

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2592, 0.3039, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2800, 0.2886, 0.2632 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(196, 173, 229)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 229)  
}
```

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(196, 173, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 229) }
```

Border

The CSS property to change the border of an element to Yxy 47.2800, 0.2886, 0.2632 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(196, 173, 229) }
```

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

```
.border{ border-color:rgb(196, 173, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 229);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
229) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.2800, 0.2886, 0.2632$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 229) }
```

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

```
.background{ background-color: rgb(196,  
173, 229) }
```

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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