

Converting Colors

$Yxy(47.4922, 0.2822, 0.2589)$

Have a look what the booklet for
Yxy(47.4922, 0.2822, 0.2589)
contains.

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Color

Yxy(47.4191, 0.2820, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	C0AEEA
RGB	192, 174, 234
RGB Percent	75%, 68%, 92%
CMY	0.2470, 0.3177, 0.0822
CMYK	0.18, 0.26, 0.00, 0.08
HSL	258°, 59%, 80%
HSV	258°, 26%, 92%
XYZ	51.7299, 47.4191, 84.2904
YIQ	186.2220, -8.5320, 22.4760

Conversions

Conversions Part 2

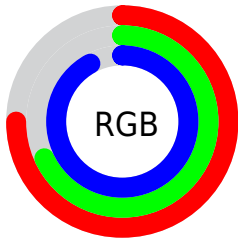
Format	Color
RYB	192, 174, 234
Decimal	12627690
CIELab	74.46, 18.33, -27.68
CIElCh	74, 33.199, 303.510
Yxy	47.4191, 0.2820, 0.2585
Android (android.graphics.Color)	4290817770 (0xFFC0AEEA)
YUV	186.2220, 23.5546, 5.0673
Hunter-Lab	68.8615, 13.5845, -24.3713

Details

The Yxy color `47.4191, 0.2820, 0.2585` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `76.5210, 0.3383, 0.3959`, and the grayscale version is `49.1047, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.9534, 0.3098, 0.3045`, and `22.5367, 0.2735, 0.2420` is the 20% darker color. If you saturate the color by 10%, you get `37.1318, 0.2671, 0.2271`, and if you desaturate by 10%, it is `59.5236, 0.2953, 0.2880`.

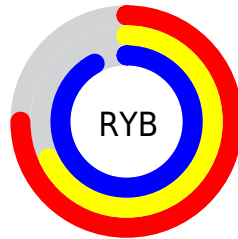
Distribution



Red (75%)

Green (68%)

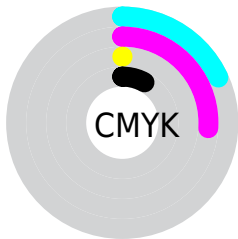
Blue (92%)



Red (75%)

Yellow (68%)

Blue (92%)

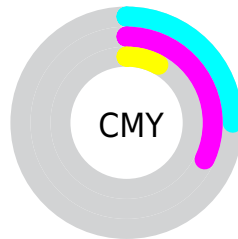


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4191, 0.2820, 0.2585 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 47.4191, 0.2820, 0.2585 by changing the saturation by 10% instead.

■ 47.4191, 0.2820,
0.2585

■ 47.4191, 0.2820,
0.2585

376.4849, 0.2976,
0.2919

■ 33.3671, 0.2781,
0.2507

■ 86.3389, 0.2877,
0.2702

■ 22.4078, 0.2731,
0.2410

111.9754, 0.2898,
0.2748

■ 14.1569, 0.2665,
0.2287

142.2423, 0.2916,
0.2786

■ 8.2298, 0.2575,
0.2125

177.5238, 0.2931,
0.2820

■ 4.2424, 0.2443,
0.1905

218.2045, 0.2945,
0.2850

■ 1.8100, 0.2238,
0.1591

264.6686, 0.2956,

■ 0.4934, 0.1911,

0.2876

0.1026

317.3006, 0.2967,
0.2899

0.0000, 0.0000,
0.0000

47.4191, 0.2820,
0.2585

47.4191, 0.2820,
0.2585

37.1318, 0.2671,
0.2271

59.5236, 0.2953,
0.2880

28.5664, 0.2508,
0.1946

73.5227, 0.3069,
0.3149

21.6277, 0.2335,
0.1625

89.4963, 0.3169,
0.3392

16.2084, 0.2162,
0.1326

98.7223, 0.3250,
0.3493

12.1880, 0.1997,
0.1069

■ 9.4270, 0.1851,
0.0872

■ 7.7548, 0.1732,
0.0744

■ 7.2521, 0.1689,
0.0704

Harmonies

Analogous

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



47.4191, 0.2472, 0.2560



47.4191, 0.2820, 0.2585



47.4191, 0.3278, 0.2767

Triad

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



47.4191, 0.2820, 0.2585



47.4191, 0.4026, 0.3787



47.4191, 0.2546, 0.3496

Complementary

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



47.4191, 0.2820, 0.2585



76.5210, 0.3383, 0.3959

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.



47.4191, 0.2931, 0.3912



47.4191, 0.2820, 0.2585



47.4191, 0.3792, 0.4053

Square

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



47.4191, 0.2820, 0.2585



47.4191, 0.4004, 0.3429



47.4191, 0.3387, 0.4118



47.4191, 0.2322, 0.3047

Rectangle

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



47.4191, 0.2820, 0.2585



47.4191, 0.3586, 0.2957



47.4191, 0.3387, 0.4118



47.4191, 0.2660, 0.3648

Sweetspot

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



47.4210, 0.2820, 0.2585



85.0594, 0.3043, 0.3088



64.5774, 0.2733, 0.3089



17.6418, 0.3026, 0.3048



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.



47.4210, 0.2820, 0.2585



50.4843, 0.2740, 0.2414



51.5894, 0.3051, 0.2631



14.7679, 0.3027, 0.3050



4.1312, 0.1703, 0.0712



0.3729, 0.1850, 0.0793

Inverse Universe

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



52.7279, 0.3303, 0.2833



58.0767, 0.3350, 0.2732



72.4843, 0.3180, 0.4004



15.2323, 0.3184, 0.3126



11.3552, 0.4144, 0.2057



0.9085, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 47.4191, 0.2820, 0.2585 looks on a white background.

Color Contrast Check

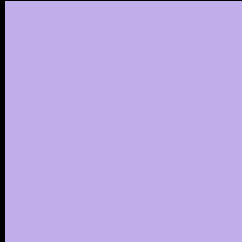
Large Text (above 18pt) WCAG AA × Fail

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 47.4191, 0.2820, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

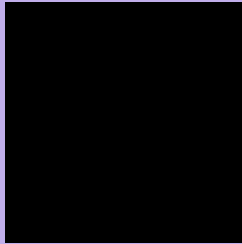
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4191, 0.2820, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 47.4191, 0.2820, 0.2585.



This preview shows how white text looks on a background with the Yxy color 47.4191, 0.2820, 0.2585.

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

47.4191, 0.2820, 0.2585

Protanopia

47.6046, 0.2620, 0.2585

Deuteranopia

47.6397, 0.2705, 0.2646



Tritanopia

47.3022, 0.3051, 0.3112

Trichromacy



Original Color

47.4191, 0.2820, 0.2585

Protanomaly

47.3023, 0.2692, 0.2581

Deuteranomaly

47.5477, 0.2747, 0.2629

Tritanomaly

47.1356, 0.2970, 0.2906

Monochromacy



Original Color

47.4191, 0.2820, 0.2585

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4591, 0.3015, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4191, 0.2820, 0.2585 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(192, 174, 234)` looks like.

```
.text, #text, p{  
    color:rgb(192, 174, 234)  
}
```

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(192, 174, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 174, 234) }
```

Border

The CSS property to change the border of an element to Yxy 47.4191, 0.2820, 0.2585 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(192, 174, 234) }
```

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

```
.border{ border-color:rgb(192, 174, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 174, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 174, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 174, 234);  
box-shadow:4px 4px 4px 4px rgb(192, 174,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4191, 0.2820, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 174, 234) }
```

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

```
.background{ background-color: rgb(192,  
174, 234) }
```

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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