

Converting Colors

$Y_{xy}(48.5149, 0.2951, 0.2801)$

Have a look what the booklet for
Yxy(48.5149, 0.2951, 0.2801)
contains.

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Color

Yxy(48.5574, 0.2952, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	C3B2DB
RGB	195, 178, 219
RGB Percent	76%, 70%, 86%
CMY	0.2354, 0.3019, 0.1411
CMYK	0.11, 0.19, 0.00, 0.14
HSL	265°, 36%, 78%
HSV	265°, 19%, 86%
XYZ	51.2117, 48.5574, 73.7122
YIQ	187.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

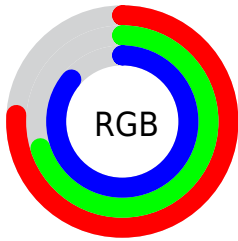
Format	Color
RYB	195, 178, 219
Decimal	12825307
CIELab	75.18, 13.87, -18.41
CIELCh	75, 23.051, 306.979
Yxy	48.5574, 0.2952, 0.2799
Android (android.graphics.Color)	4291015387 (0xFFC3B2DB)
YUV	187.7570, 15.4028, 6.3521
Hunter-Lab	69.6831, 9.2381, -13.9399

Details

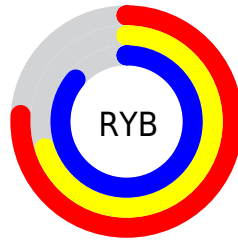
The Yxy color $48.5574, 0.2952, 0.2799$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.4585, 0.3279, 0.3774$, and the grayscale version is $50.0573, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7611, 0.3117, 0.3086$, and $23.0103, 0.2900, 0.2667$ is the 20% darker color. If you saturate the color by 10%, you get $38.8903, 0.2838, 0.2507$, and if you desaturate by 10%, it is $59.7672, 0.3052, 0.3071$.

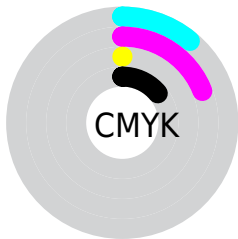
Distribution



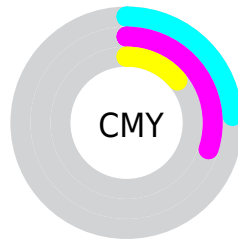
- Red (76%)
- Green (70%)
- Blue (86%)



- Red (76%)
- Yellow (70%)
- Blue (86%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)




- Cyan (24%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5574, 0.2952, 0.2799 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 48.5574, 0.2952, 0.2799 by changing the saturation by 10% instead.


 48.5574, 0.2952,
0.2799

 48.5574, 0.2952,
0.2799


380.9973, 0.3041,
0.3035

 34.2685, 0.2930,
0.2743


 88.0337, 0.2985,
0.2883

 23.1000, 0.2901,
0.2673


113.9900, 0.2997,
0.2915

 14.6673, 0.2862,
0.2582


144.6041, 0.3007,
0.2942

 8.5862, 0.2808,
0.2461

180.2606, 0.3016,
0.2966

 4.4723, 0.2728,
0.2290

221.3437, 0.3023,
0.2986

 1.9411, 0.2598,
0.2036

268.2380, 0.3030,

 0.5729, 0.2381,

0.3004

0.1544

321.3277, 0.3036,
0.3021

0.0000, 0.0000,
0.0000

48.5574, 0.2952,
0.2799

48.5574, 0.2952,
0.2799

38.8903, 0.2838,
0.2507

59.7672, 0.3052,
0.3071

30.6903, 0.2709,
0.2201

72.5788, 0.3137,
0.3320

23.8843, 0.2568,
0.1892

87.0553, 0.3210,
0.3545

18.3905, 0.2419,
0.1593

96.2910, 0.3283,
0.3647

14.1179, 0.2267,
0.1322

97.8961, 0.3339,
0.3641

■ 10.9638, 0.2120,
0.1094

■ 8.8074, 0.1986,
0.0922

■ 7.4653, 0.1870,
0.0809

■ 7.3215, 0.1856,
0.0796

Harmonies

Analogous

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



48.5574, 0.2691, 0.2772



48.5574, 0.2952, 0.2799



48.5574, 0.3273, 0.2941

Triad

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



48.5574, 0.2952, 0.2799



48.5574, 0.3737, 0.3673



48.5574, 0.2699, 0.3399

Complementary

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



48.5574, 0.2952, 0.2799



66.4585, 0.3279, 0.3774

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.



48.5574, 0.2962, 0.3681



48.5574, 0.2952, 0.2799



48.5574, 0.3565, 0.3832

Square

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



48.5574, 0.2952, 0.2799



48.5574, 0.3740, 0.3430



48.5574, 0.3279, 0.3842



48.5574, 0.2551, 0.3100

Rectangle

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



48.5574, 0.2952, 0.2799



48.5574, 0.3478, 0.3085



48.5574, 0.3279, 0.3842



48.5574, 0.2776, 0.3500

Sweetspot

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



48.5594, 0.2952, 0.2799



88.9621, 0.3076, 0.3140



57.1154, 0.2836, 0.3090



18.7953, 0.3070, 0.3124



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.



48.5594, 0.2952, 0.2799



63.5683, 0.2914, 0.2700



51.3961, 0.3115, 0.2823



12.8790, 0.3045, 0.3053



4.4007, 0.1872, 0.0805



0.3348, 0.2057, 0.0907

Inverse Universe

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



51.1755, 0.3286, 0.3013



67.8749, 0.3322, 0.2960



63.8525, 0.3132, 0.3796



13.1789, 0.3201, 0.3154



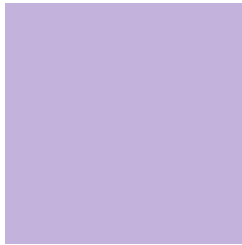
9.8823, 0.4589, 0.2302



0.6572, 0.4304, 0.2144

Previews

White Background



This preview shows how the Yxy color 48.5574, 0.2952, 0.2799 looks on a white background.

Color Contrast Check

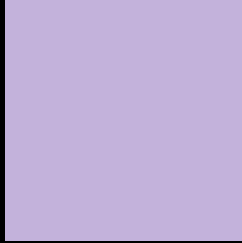
Large Text (above 18pt) WCAG AA × Fail

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 48.5574, 0.2952, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

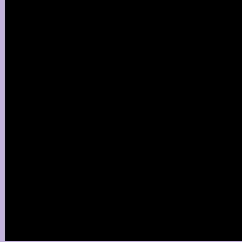
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5574, 0.2952, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 48.5574, 0.2952, 0.2799.



This preview shows how white text looks on a background with the Yxy color 48.5574, 0.2952, 0.2799.

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

48.5574, 0.2952, 0.2799

Protanopia

48.5418, 0.2788, 0.2797

Deuteranopia

48.6745, 0.2897, 0.2839



Tritanopia

48.5178, 0.3093, 0.3115

Trichromacy



Original Color

48.5574, 0.2952, 0.2799

Protanomaly

48.5120, 0.2846, 0.2790

Deuteranomaly

48.6516, 0.2920, 0.2830

Tritanomaly

48.6138, 0.3040, 0.3007

Monochromacy



Original Color

48.5574, 0.2952, 0.2799

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4809, 0.3070, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5574, 0.2952, 0.2799 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(195, 178, 219)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 219)  
}
```

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(195, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 219) }
```

Border

The CSS property to change the border of an element to Yxy 48.5574, 0.2952, 0.2799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

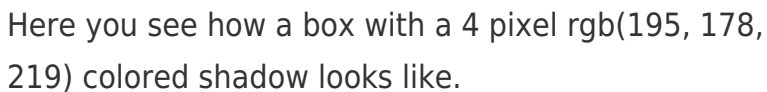
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 178, 219) }
```

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

```
.border{ border-color:rgb(195, 178, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 178, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 178, 219); box-shadow:4px 4px 4px 4px rgb(195, 178, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5574, 0.2952, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 219) }
```

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

```
.background{ background-color: rgb(195,  
178, 219) }
```

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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