

Converting Colors

Yxy(50.9898, 0.3177, 0.2942)

Have a look what the booklet for
Yxy(50.9898, 0.3177, 0.2942)
contains.

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Color

Yxy(50.9898, 0.3177, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	D5B3D1
RGB	213, 179, 209
RGB Percent	84%, 70%, 82%
CMY	0.1648, 0.2980, 0.1804
CMYK	0.00, 0.16, 0.02, 0.16
HSL	307°, 29%, 77%
HSV	307°, 16%, 84%
XYZ	55.0627, 50.9898, 67.2642
YIQ	192.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

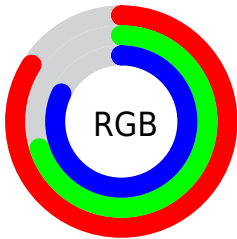
Format	Color
R_{YB}	213, 179, 209
Decimal	14005201
CIE Lab	76.67, 17.36, -10.55
CIE LCh	77, 20.319, 328.705
Yxy	50.9898, 0.3177, 0.2942
Android (android.graphics.Color)	4292195281 (0xFFD5B3D1)
YUV	192.5860, 8.0921, 17.9031
Hunter-Lab	71.4071, 12.6806, -5.8651

Details

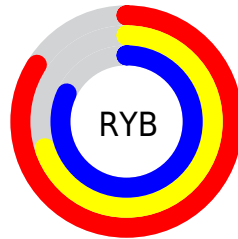
The Yxy color **50.9898, 0.3177, 0.2942** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.5766, 0.3081, 0.3665**, and the grayscale version is **53.0197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **24.5574, 0.3183, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **42.9812, 0.3213, 0.2718**, and if you desaturate by 10%, it is **60.3232, 0.3145, 0.3163**.

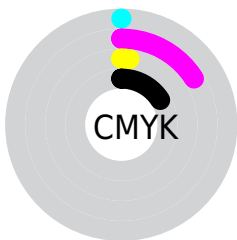
Distribution



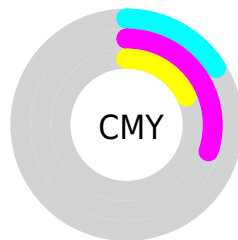
- Red (84%)
- Green (70%)
- Blue (82%)



- Red (84%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9898, 0.3177, 0.2942 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 50.9898, 0.3177, 0.2942 by changing the saturation by 10% instead.


 50.9898, 0.3177,
0.2942

 50.9898, 0.3177,
0.2942


390.5242, 0.3155,
0.3109

 36.2005, 0.3182,
0.2902


 91.6397, 0.3169,
0.3001

 24.5891, 0.3188,
0.2853

118.2691, 0.3166,
0.3024

 15.7712, 0.3195,
0.2789

149.6139, 0.3164,
0.3043

 9.3624, 0.3204,
0.2703

186.0586, 0.3161,
0.3060

 4.9783, 0.3216,
0.2582

227.9876, 0.3159,
0.3074

 2.2345, 0.3231,
0.2398

275.7853, 0.3158,

 0.7387, 0.3253,

0.3087

0.2073

329.8360, 0.3156,
0.3099

0.0000, 0.1796,
0.0000

0.0000, 0.0000,
0.0000

50.9898, 0.3177,
0.2942

50.9898, 0.3177,
0.2942

42.9812, 0.3213,
0.2718

60.3232, 0.3145,
0.3163

36.2303, 0.3253,
0.2497

71.0312, 0.3116,
0.3375

30.6745, 0.3296,
0.2288

83.1690, 0.3091,
0.3575

26.2429, 0.3341,
0.2101

90.7733, 0.3073,
0.3671

■ 22.8571, 0.3387,
0.1944

■ 90.9052, 0.3059,
0.3644

■ 20.4288, 0.3432,
0.1827

■ 91.0391, 0.3045,
0.3617

■ 18.8551, 0.3475,
0.1753

■ 91.1749, 0.3031,
0.3590

■ 18.0082, 0.3515,
0.1724

■ 91.3127, 0.3018,
0.3564

■ 17.7770, 0.3531,
0.1719

■ 91.4525, 0.3004,
0.3537

Harmonies

Analogous

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



50.9898, 0.2905, 0.2843



50.9898, 0.3177, 0.2942



50.9898, 0.3445, 0.3124

Triad

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



50.9898, 0.3177, 0.2942



50.9898, 0.3562, 0.3734



50.9898, 0.2648, 0.3195

Complementary

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



50.9898, 0.3177, 0.2942



60.5766, 0.3081, 0.3665

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.



50.9898, 0.2810, 0.3458



50.9898, 0.3177, 0.2942



50.9898, 0.3335, 0.3779

Square

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



50.9898, 0.3177, 0.2942



50.9898, 0.3672, 0.3573



50.9898, 0.3060, 0.3678



50.9898, 0.2610, 0.2975

Rectangle

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



50.9898, 0.3177, 0.2942



50.9898, 0.3582, 0.3273



50.9898, 0.3060, 0.3678



50.9898, 0.2690, 0.3282

Sweetspot

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



50.9920, 0.3177, 0.2942



92.0377, 0.3142, 0.3182



47.1139, 0.2901, 0.2868



19.4695, 0.3144, 0.3167



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.



50.9920, 0.3177, 0.2942



72.5289, 0.3188, 0.2869



50.1955, 0.3316, 0.3136



12.6066, 0.3155, 0.3087



10.8724, 0.3525, 0.1716



0.6630, 0.3463, 0.1682

Inverse Universe

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



50.9920, 0.3177, 0.2942



72.5289, 0.3188, 0.2869



61.3265, 0.2970, 0.3449



12.6066, 0.3155, 0.3087



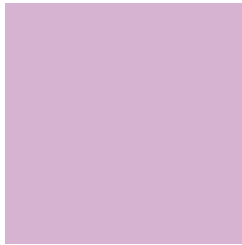
10.8724, 0.3525, 0.1716



0.6630, 0.3463, 0.1682

Previews

White Background



This preview shows how the Yxy color 50.9898, 0.3177, 0.2942 looks on a white background.

Color Contrast Check

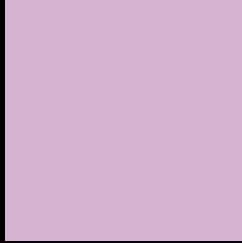
Large Text (above 18pt) WCAG AA × Fail

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 50.9898, 0.3177, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

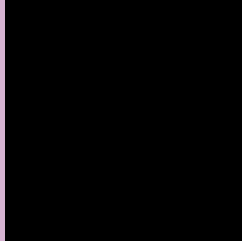
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9898, 0.3177, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 50.9898, 0.3177, 0.2942.



This preview shows how white text looks on a background with the Yxy color 50.9898, 0.3177, 0.2942.

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

50.9898, 0.3177, 0.2942

Protanopia

51.1870, 0.2906, 0.2959

Deuteranopia

50.9772, 0.3067, 0.3002



Tritanopia

50.8368, 0.3272, 0.3124

Trichromacy



Original Color

50.9898, 0.3177, 0.2942

Protanomaly

51.1041, 0.2997, 0.2953

Deuteranomaly

50.8473, 0.3108, 0.2981

Tritanomaly

50.8097, 0.3241, 0.3055

Monochromacy



Original Color

50.9898, 0.3177, 0.2942

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3693, 0.3142, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9898, 0.3177, 0.2942 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(213, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 209)  
}
```

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(213, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.9898, 0.3177, 0.2942 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(213, 179, 209) }
```

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

```
.border{ border-color:rgb(213, 179, 209) }
```

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

Here you see how a box with a 4 pixel rgb(213, 179, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9898, 0.3177, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 209) }
```

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

```
.background{ background-color: rgb(213,  
179, 209) }
```

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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