

Converting Colors

Yxy(50.4746, 0.3338, 0.3075)

Have a look what the booklet for
Yxy(50.4746, 0.3338, 0.3075)
contains.

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Color

Yxy(50.4899, 0.3338, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	DBB1C4
RGB	219, 177, 196
RGB Percent	86%, 69%, 77%
CMY	0.1412, 0.3058, 0.2314
CMYK	0.00, 0.19, 0.11, 0.14
HSL	333°, 37%, 78%
HSV	333°, 19%, 86%
XYZ	54.8975, 50.4899, 59.0748
YIQ	191.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

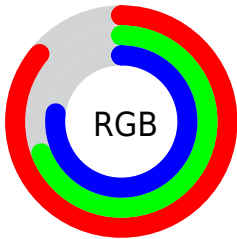
Format	Color
RYB	219, 177, 196
Decimal	14397892
CIELab	76.37, 18.26, -3.86
CIELCh	76, 18.660, 348.047
Yxy	50.4899, 0.3338, 0.3070
Android (android.graphics.Color)	4292587972 (0xFFDDBB1C4)
YUV	191.7240, 2.1081, 23.9211
Hunter-Lab	71.0562, 13.5592, 0.4468

Details

The Yxy color $50.4899, 0.3338, 0.3070$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $64.1782, 0.2957, 0.3521$, and the grayscale version is $52.5231, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6297, 0.3150, 0.3097$, and $24.2608, 0.3404, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $41.9990, 0.3482, 0.2948$, and if you desaturate by 10%, it is $60.4172, 0.3218, 0.3188$.

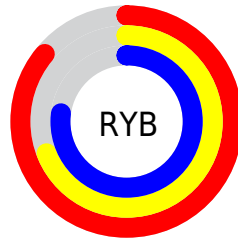
Distribution



Red (86%)

Green (69%)

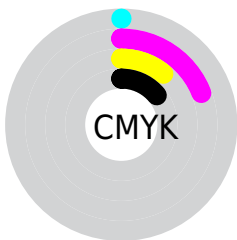
Blue (77%)



Red (86%)

Yellow (69%)

Blue (77%)

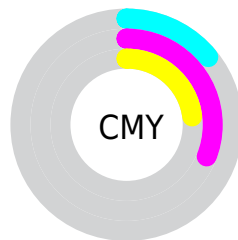


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4899, 0.3338, 0.3070 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 50.4899, 0.3338, 0.3070 by changing the saturation by 10% instead.


 50.4899, 0.3338,
0.3070

 50.4899, 0.3338,
0.3070


388.5787, 0.3235,
0.3177

 35.8028, 0.3363,
0.3044


 90.9003, 0.3301,
0.3108

 24.2819, 0.3395,
0.3012


117.3924, 0.3287,
0.3123

 15.5429, 0.3437,
0.2969


148.5883, 0.3275,
0.3135

 9.2013, 0.3494,
0.2911

184.8724, 0.3265,
0.3146

 4.8727, 0.3577,
0.2828

226.6291, 0.3256,
0.3155

 2.1728, 0.3709,
0.2699

274.2428, 0.3248,

 0.7051, 0.3965,

0.3163

0.2439

328.0979, 0.3241,
0.3170

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4899, 0.3338,
0.3070

50.4899, 0.3338,
0.3070

41.9990, 0.3482,
0.2948

60.4172, 0.3218,
0.3188

34.8705, 0.3655,
0.2827

71.8369, 0.3120,
0.3299

29.0344, 0.3857,
0.2713

84.8099, 0.3039,
0.3403

24.4112, 0.4090,
0.2616

93.1093, 0.2971,
0.3402

■ 20.9128, 0.4350,
0.2548

■ 93.7991, 0.2911,
0.3289

■ 18.4390, 0.4625,
0.2522

■ 16.8713, 0.4902,
0.2548

■ 16.0194, 0.5165,
0.2624

■ 15.9609, 0.5187,
0.2631

Harmonies

Analogous

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



50.4899, 0.3081, 0.2925



50.4899, 0.3338, 0.3070



50.4899, 0.3543, 0.3270

Triad

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



50.4899, 0.3338, 0.3070



50.4899, 0.3402, 0.3740



50.4899, 0.2648, 0.3065

Complementary

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



50.4899, 0.3338, 0.3070



64.1782, 0.2957, 0.3521

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.



50.4899, 0.2726, 0.3289



50.4899, 0.3338, 0.3070



50.4899, 0.3157, 0.3694

Square

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



50.4899, 0.3338, 0.3070



50.4899, 0.3579, 0.3658



50.4899, 0.2910, 0.3525



50.4899, 0.2690, 0.2915

Rectangle

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



50.4899, 0.3338, 0.3070



50.4899, 0.3617, 0.3414



50.4899, 0.2910, 0.3525



50.4899, 0.2661, 0.3134

Sweetspot

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



50.4922, 0.3338, 0.3070



90.0957, 0.3185, 0.3223



48.7588, 0.2988, 0.2793



19.0636, 0.3192, 0.3216



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.



50.4922, 0.3338, 0.3070



66.2190, 0.3393, 0.3021



50.2371, 0.3499, 0.3308



13.1490, 0.3221, 0.3185



9.4861, 0.5150, 0.2611



0.6318, 0.4754, 0.2392

Inverse Universe

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



50.4922, 0.3338, 0.3070



66.2190, 0.3393, 0.3021



64.3949, 0.2840, 0.3272



13.1490, 0.3221, 0.3185



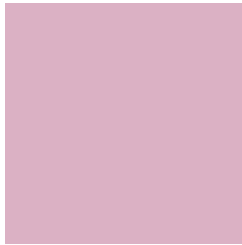
9.4861, 0.5150, 0.2611



0.6318, 0.4754, 0.2392

Previews

White Background



This preview shows how the Yxy color 50.4899, 0.3338, 0.3070 looks on a white background.

Color Contrast Check

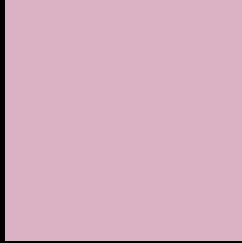
Large Text (above 18pt) WCAG AA × Fail

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 50.4899, 0.3338, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

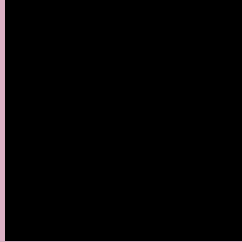
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4899, 0.3338, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 50.4899, 0.3338, 0.3070.



This preview shows how white text looks on a background with the Yxy color 50.4899, 0.3338, 0.3070.

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

50.4899, 0.3338, 0.3070

Protanopia

50.4963, 0.3022, 0.3104

Deuteranopia

50.6445, 0.3210, 0.3145



Tritanopia

50.5520, 0.3362, 0.3127

Trichromacy



Original Color

50.4899, 0.3338, 0.3070

Protanomaly

50.1792, 0.3128, 0.3083

Deuteranomaly

50.5432, 0.3255, 0.3123

Tritanomaly

50.5965, 0.3353, 0.3115

Monochromacy



Original Color

50.4899, 0.3338, 0.3070

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9475, 0.3205, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4899, 0.3338, 0.3070 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(219, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 196)  
}
```

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(219, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.4899, 0.3338, 0.3070 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(219, 177, 196) }
```

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

```
.border{ border-color:rgb(219, 177, 196) }
```

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

Here you see how a box with a 4 pixel rgb(219, 177, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 177,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4899, 0.3338, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 196) }
```

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

```
.background{ background-color: rgb(219,  
177, 196) }
```

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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