

Converting Colors

$Yxy(48.2587, 0.3244, 0.2923)$

Have a look what the booklet for
Yxy(48.2587, 0.3244, 0.2923)
contains.

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Color

Yxy(48.2639, 0.3250, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	D7ACCB
RGB	215, 172, 203
RGB Percent	84%, 67%, 80%
CMY	0.1566, 0.3256, 0.2039
CMYK	0.00, 0.20, 0.06, 0.16
HSL	317°, 35%, 76%
HSV	317°, 20%, 84%
XYZ	53.5716, 48.2639, 63.0002
YIQ	188.3910, 15.6770, 18.7570

Conversions

Conversions Part 2

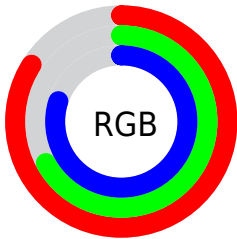
Format	Color
RYB	215, 172, 203
Decimal	14134475
CIELab	74.99, 20.81, -9.78
CIELCh	75, 22.996, 334.842
Yxy	48.2639, 0.3250, 0.2928
Android (android.graphics.Color)	4292324555 (0xFFD7ACCB)
YUV	188.3910, 7.2022, 23.3361
Hunter-Lab	69.4722, 16.0690, -5.1360

Details

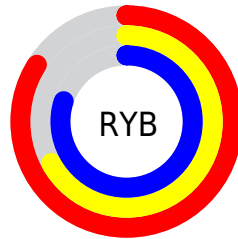
The Yxy color **48.2639, 0.3250, 0.2928** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.8644, 0.3023, 0.3682**, and the grayscale version is **50.4789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **22.8372, 0.3282, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **40.4515, 0.3327, 0.2741**, and if you desaturate by 10%, it is **57.4163, 0.3184, 0.3112**.

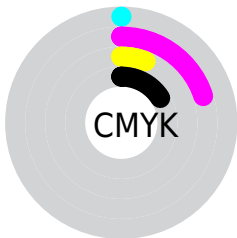
Distribution



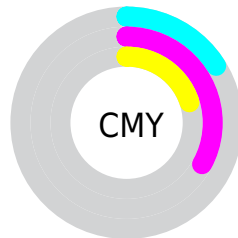
- Red (84%)
- Green (67%)
- Blue (80%)



- Red (84%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2639, 0.3250, 0.2928 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 48.2639, 0.3250, 0.2928 by changing the saturation by 10% instead.


 48.2639, 0.3250,
0.2928

 48.2639, 0.3250,
0.2928


379.8372, 0.3191,
0.3103

 34.0359, 0.3264,
0.2886


 87.5972, 0.3229,
0.2990

 22.9212, 0.3281,
0.2834


113.4713, 0.3221,
0.3014

 14.5353, 0.3303,
0.2765


143.9962, 0.3215,
0.3034

 8.4939, 0.3333,
0.2673

179.5564, 0.3209,
0.3052

 4.4126, 0.3375,
0.2542

220.5362, 0.3204,
0.3067

 1.9069, 0.3437,
0.2342

267.3200, 0.3199,

 0.5525, 0.3586,

0.3080

0.1891

320.2922, 0.3195,
0.3092

0.0000, 0.0000,
0.0000

48.2639, 0.3250,
0.2928

48.2639, 0.3250,
0.2928

40.4515, 0.3327,
0.2741

57.4163, 0.3184,
0.3112

33.9090, 0.3415,
0.2556

67.9618, 0.3127,
0.3289

28.5696, 0.3513,
0.2384

79.9584, 0.3080,
0.3457

24.3576, 0.3621,
0.2233

91.5272, 0.3040,
0.3582

21.1889, 0.3735,
0.2114

91.8654, 0.3007,
0.3518

■ 18.9674, 0.3852,
0.2037

■ 92.2153, 0.2974,
0.3454

■ 17.5792, 0.3968,
0.2008

■ 92.5770, 0.2942,
0.3391

■ 16.8206, 0.4081,
0.2022

■ 92.9507, 0.2909,
0.3329

■ 93.1970, 0.2889,
0.3289

Harmonies

Analogous

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



48.2639, 0.2931, 0.2793



48.2639, 0.3250, 0.2928



48.2639, 0.3549, 0.3149

Triad

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



48.2639, 0.3250, 0.2928



48.2639, 0.3582, 0.3825



48.2639, 0.2557, 0.3119

Complementary

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



48.2639, 0.3250, 0.2928



60.8644, 0.3023, 0.3682

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.



48.2639, 0.2714, 0.3421



48.2639, 0.3250, 0.2928



48.2639, 0.3301, 0.3847

Square

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



48.2639, 0.3250, 0.2928



48.2639, 0.3743, 0.3658



48.2639, 0.2984, 0.3697



48.2639, 0.2544, 0.2887

Rectangle

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



48.2639, 0.3250, 0.2928



48.2639, 0.3689, 0.3322



48.2639, 0.2984, 0.3697



48.2639, 0.2594, 0.3216

Sweetspot

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



48.2660, 0.3250, 0.2928



90.3511, 0.3160, 0.3184



44.5310, 0.2886, 0.2755



19.1240, 0.3164, 0.3172



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.



48.2660, 0.3250, 0.2928



65.9207, 0.3281, 0.2849



47.3323, 0.3432, 0.3171



12.5707, 0.3180, 0.3124



10.0727, 0.4065, 0.2013



0.6213, 0.3883, 0.1913

Inverse Universe

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



48.2660, 0.3250, 0.2928



65.9207, 0.3281, 0.2849



61.8108, 0.2891, 0.3413



12.5707, 0.3180, 0.3124



10.0727, 0.4065, 0.2013



0.6213, 0.3883, 0.1913

Previews

White Background



This preview shows how the Yxy color 48.2639, 0.3250, 0.2928 looks on a white background.

Color Contrast Check

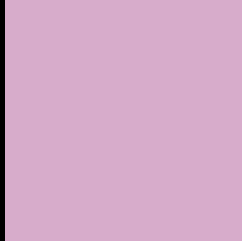
Large Text (above 18pt) WCAG AA × Fail

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 48.2639, 0.3250, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

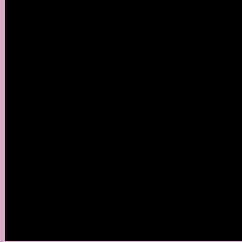
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2639, 0.3250, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 48.2639, 0.3250, 0.2928.



This preview shows how white text looks on a background with the Yxy color 48.2639, 0.3250, 0.2928.

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

48.2639, 0.3250, 0.2928

Protanopia

48.3439, 0.2908, 0.2952

Deuteranopia

48.5089, 0.3081, 0.3020



Tritanopia

48.4369, 0.3356, 0.3136

Trichromacy



Original Color

48.2639, 0.3250, 0.2928

Protanomaly

48.0826, 0.3026, 0.2947

Deuteranomaly

48.2651, 0.3141, 0.2988

Tritanomaly

48.4185, 0.3324, 0.3066

Monochromacy



Original Color

48.2639, 0.3250, 0.2928

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3119, 0.3176, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2639, 0.3250, 0.2928 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(215, 172, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 172, 203)  
}
```

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(215, 172, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 172, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.2639, 0.3250, 0.2928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

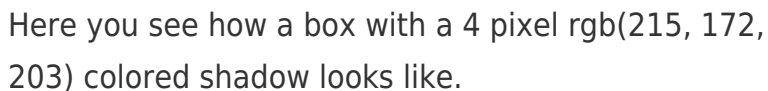
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 172, 203) }
```

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

```
.border{ border-color:rgb(215, 172, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 172, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 172, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 172, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 172,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2639, 0.3250, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 172, 203) }
```

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

```
.background{ background-color: rgb(215,  
172, 203) }
```

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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