

Converting Colors

$Y_{xy}(48.4760, 0.3285, 0.3004)$

Have a look what the booklet for
Yxy(48.4760, 0.3285, 0.3004)
contains.

Yxy(48.2605, 0.3282, 0.2996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.2605, 0.3282, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	D6ADC6
RGB	214, 173, 198
RGB Percent	84%, 68%, 78%
CMY	0.1608, 0.3215, 0.2235
CMYK	0.00, 0.19, 0.07, 0.16
HSL	323°, 33%, 76%
HSV	323°, 19%, 84%
XYZ	52.8675, 48.2605, 59.9551
YIQ	188.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

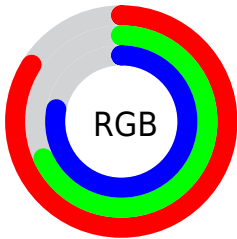
Format	Color
R_{YB}	214, 173, 198
Decimal	14069190
CIE _{Lab}	74.99, 19.01, -7.05
CIE _{LCh}	75, 20.272, 339.649
Yxy	48.2605, 0.3282, 0.2996
Android (android.graphics.Color)	4292259270 (0xFFD6ADC6)
YUV	188.1090, 4.8763, 22.7064
Hunter-Lab	69.4698, 14.2689, -2.5407

Details

The Yxy color **48.2605, 0.3282, 0.2996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.6511, 0.2998, 0.3604**, and the grayscale version is **50.3204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **22.8175, 0.3327, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **40.3272, 0.3385, 0.2835**, and if you desaturate by 10%, it is **57.5338, 0.3195, 0.3153**.

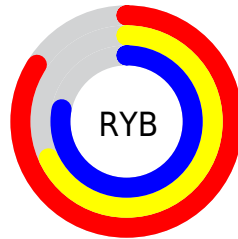
Distribution



Red (84%)

Green (68%)

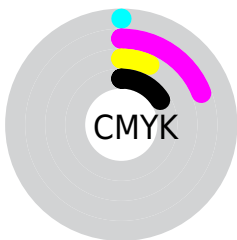
Blue (78%)



Red (84%)

Yellow (68%)

Blue (78%)

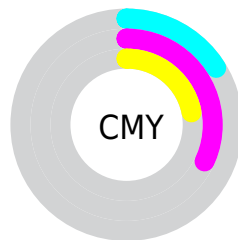


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (16%)



Cyan (16%)


Magenta (32%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2605, 0.3282, 0.2996 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 48.2605, 0.3282, 0.2996 by changing the saturation by 10% instead.


 48.2605, 0.3282,
0.2996

 48.2605, 0.3282,
0.2996


379.8238, 0.3207,
0.3139

 34.0332, 0.3300,
0.2962


 87.5921, 0.3255,
0.3047

 22.9191, 0.3323,
0.2918


113.4653, 0.3245,
0.3066

 14.5338, 0.3353,
0.2861


143.9892, 0.3236,
0.3083

 8.4929, 0.3394,
0.2784

179.5482, 0.3229,
0.3097

 4.4119, 0.3453,
0.2674

220.5268, 0.3222,
0.3110

 1.9065, 0.3545,
0.2503

267.3093, 0.3216,

 0.5523, 0.3765,

0.3120

0.2084

320.2802, 0.3211,
0.3130

0.0000, 0.0000,
0.0000

48.2605, 0.3282,
0.2996

48.2605, 0.3282,
0.2996

40.3272, 0.3385,
0.2835

57.5338, 0.3195,
0.3153

33.6646, 0.3506,
0.2675

68.1991, 0.3121,
0.3302

28.2071, 0.3644,
0.2525

80.3139, 0.3060,
0.3442

23.8803, 0.3799,
0.2392

91.6082, 0.3010,
0.3536

20.6018, 0.3969,
0.2290

92.0926, 0.2964,
0.3448

■ 18.2776, 0.4146,
0.2230

■ 92.5997, 0.2919,
0.3360

■ 16.7969, 0.4326,
0.2219

■ 93.0358, 0.2883,
0.3289

■ 15.9790, 0.4501,
0.2257

■ 15.9207, 0.4516,
0.2261

Harmonies

Analogous

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



48.2605, 0.2998, 0.2861



48.2605, 0.3282, 0.2996



48.2605, 0.3533, 0.3202

Triad

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



48.2605, 0.3282, 0.2996



48.2605, 0.3495, 0.3774



48.2605, 0.2611, 0.3103

Complementary

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



48.2605, 0.3282, 0.2996



60.6511, 0.2998, 0.3604

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.



48.2605, 0.2732, 0.3363



48.2605, 0.3282, 0.2996



48.2605, 0.3238, 0.3767

Square

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



48.2605, 0.3282, 0.2996



48.2605, 0.3657, 0.3647



48.2605, 0.2959, 0.3613



48.2605, 0.2621, 0.2912

Rectangle

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



48.2605, 0.3282, 0.2996



48.2605, 0.3642, 0.3359



48.2605, 0.2959, 0.3613



48.2605, 0.2638, 0.3185

Sweetspot

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



48.2626, 0.3282, 0.2996



90.2451, 0.3171, 0.3200



45.5275, 0.2937, 0.2786



19.0989, 0.3176, 0.3190



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.



48.2626, 0.3282, 0.2996



66.7306, 0.3322, 0.2931



47.3912, 0.3459, 0.3233



12.5468, 0.3197, 0.3149



9.6442, 0.4491, 0.2248



0.5977, 0.4211, 0.2094

Inverse Universe

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



48.2626, 0.3282, 0.2996



66.7306, 0.3322, 0.2931



61.5910, 0.2871, 0.3348



12.5468, 0.3197, 0.3149



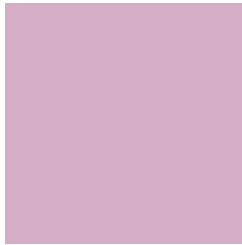
9.6442, 0.4491, 0.2248



0.5977, 0.4211, 0.2094

Previews

White Background



This preview shows how the Yxy color 48.2605, 0.3282, 0.2996 looks on a white background.

Color Contrast Check

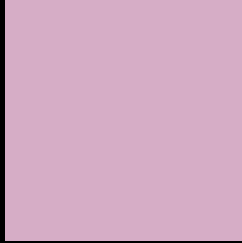
Large Text (above 18pt) WCAG AA × Fail

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 48.2605, 0.3282, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

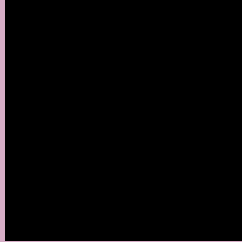
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2605, 0.3282, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 48.2605, 0.3282, 0.2996.



This preview shows how white text looks on a background with the Yxy color 48.2605, 0.3282, 0.2996.

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

48.2605, 0.3282, 0.2996

Protanopia

48.6338, 0.2952, 0.3026

Deuteranopia

48.1417, 0.3138, 0.3069



Tritanopia

48.4369, 0.3356, 0.3136

Trichromacy



Original Color

48.2605, 0.3282, 0.2996

Protanomaly

48.3761, 0.3073, 0.3019

Deuteranomaly

48.1720, 0.3190, 0.3048

Tritanomaly

48.2240, 0.3323, 0.3077

Monochromacy



Original Color

48.2605, 0.3282, 0.2996

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5431, 0.3175, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2605, 0.3282, 0.2996 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(214, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 198)  
}
```

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(214, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 198) }
```

Border

The CSS property to change the border of an element to Yxy 48.2605, 0.3282, 0.2996 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(214, 173, 198) }
```

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

```
.border{ border-color:rgb(214, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2605, 0.3282, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 198) }
```

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

```
.background{ background-color: rgb(214,  
173, 198) }
```

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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