

Converting Colors

$Y_{xy}(48.0358, 0.3311, 0.2903)$

Have a look what the booklet for
Yxy(48.0358, 0.3311, 0.2903)
contains.

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Color

Yxy(48.0599, 0.3306, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	DDA9CB
RGB	221, 169, 203
RGB Percent	87%, 66%, 80%
CMY	0.1333, 0.3373, 0.2040
CMYK	0.00, 0.24, 0.08, 0.13
HSL	321°, 43%, 76%
HSV	321°, 24%, 87%
XYZ	54.7883, 48.0599, 62.8756
YIQ	188.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

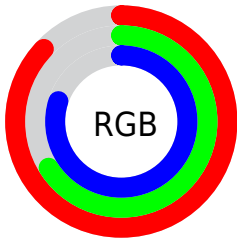
Format	Color
R _Y B	221, 169, 203
Decimal	14526923
CIE Lab	74.86, 24.47, -9.89
CIE LCh	75, 26.394, 338.000
Yxy	48.0599, 0.3306, 0.2900
Android (android.graphics.Color)	4292717003 (0xFFDDA9CB)
YUV	188.4240, 7.1860, 28.5692
Hunter-Lab	69.3252, 19.7508, -5.2463

Details

The Yxy color **48.0599, 0.3306, 0.2900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.7475, 0.2984, 0.3715**, and the grayscale version is **50.4942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **22.6600, 0.3347, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **40.1654, 0.3405, 0.2728**, and if you desaturate by 10%, it is **57.3667, 0.3221, 0.3070**.

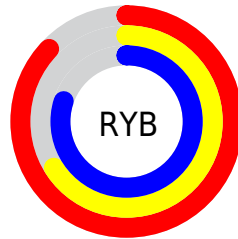
Distribution



Red (87%)

Green (66%)

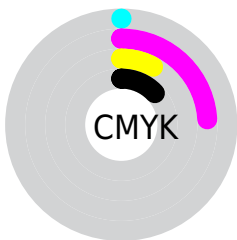
Blue (80%)



Red (87%)

Yellow (66%)

Blue (80%)

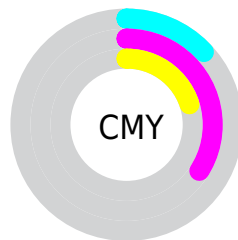


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (13%)



Cyan (13%)


Magenta (34%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0599, 0.3306, 0.2900 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 48.0599, 0.3306, 0.2900 by changing the saturation by 10% instead.


 48.0599, 0.3306,
0.2900


 48.0599, 0.3306,
0.2900


379.0295, 0.3220,
0.3088

 33.8743, 0.3326,
0.2855


 87.2936, 0.3275,
0.2967

 22.7971, 0.3352,
0.2799


 113.1105, 0.3264,
0.2992

 14.4437, 0.3386,
0.2726


143.5733, 0.3254,
0.3014

 8.4299, 0.3431,
0.2628

179.0664, 0.3245,
0.3033

 4.3713, 0.3494,
0.2488

219.9741, 0.3238,
0.3049

 1.8833, 0.3591,
0.2276

266.6810, 0.3231,

 0.5383, 0.3808,

0.3064

0.1801

319.5713, 0.3225,
0.3076

0.0000, 0.4411,
0.0000

0.0000, 0.0000,
0.0000

48.0599, 0.3306,
0.2900

48.0599, 0.3306,
0.2900

40.1654, 0.3405,
0.2728

57.3667, 0.3221,
0.3070

33.6067, 0.3519,
0.2561

68.1445, 0.3150,
0.3234

28.3097, 0.3647,
0.2408

80.4567, 0.3090,
0.3389

24.1906, 0.3789,
0.2279

92.8148, 0.3040,
0.3510

■ 21.1551, 0.3939,
0.2186

■ 93.2641, 0.2997,
0.3430

■ 19.0946, 0.4093,
0.2138

■ 93.7326, 0.2956,
0.3351

■ 17.8774, 0.4245,
0.2142

■ 94.1151, 0.2923,
0.3289

■ 17.4002, 0.4342,
0.2166

Harmonies

Analogous

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



48.0599, 0.2937, 0.2735



48.0599, 0.3306, 0.2900



48.0599, 0.3642, 0.3157

Triad

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



48.0599, 0.3306, 0.2900



48.0599, 0.3618, 0.3916



48.0599, 0.2467, 0.3057

Complementary

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



48.0599, 0.3306, 0.2900



63.7475, 0.2984, 0.3715

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.



48.0599, 0.2628, 0.3402



48.0599, 0.3306, 0.2900



48.0599, 0.3286, 0.3926

Square

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



48.0599, 0.3306, 0.2900



48.0599, 0.3824, 0.3734



48.0599, 0.2924, 0.3733



48.0599, 0.2470, 0.2806

Rectangle

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



48.0599, 0.3306, 0.2900



48.0599, 0.3792, 0.3355



48.0599, 0.2924, 0.3733



48.0599, 0.2503, 0.3166

Sweetspot

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



48.0620, 0.3306, 0.2900



88.7430, 0.3173, 0.3177



44.0793, 0.2865, 0.2654



18.7974, 0.3178, 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.



48.0620, 0.3306, 0.2900



61.1017, 0.3351, 0.2819



46.9523, 0.3533, 0.3189



13.1941, 0.3190, 0.3138



10.1282, 0.4320, 0.2153



0.6722, 0.4093, 0.2028

Inverse Universe

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



48.0620, 0.3306, 0.2900



61.1017, 0.3351, 0.2819



64.9290, 0.2831, 0.3394



13.1941, 0.3190, 0.3138



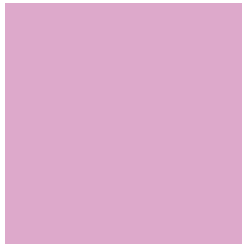
10.1282, 0.4320, 0.2153



0.6722, 0.4093, 0.2028

Previews

White Background



This preview shows how the Yxy color 48.0599, 0.3306, 0.2900 looks on a white background.

Color Contrast Check

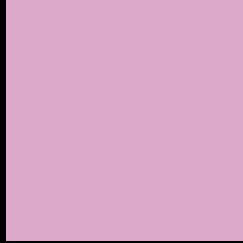
Large Text (above 18pt) WCAG AA × Fail

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 48.0599, 0.3306, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

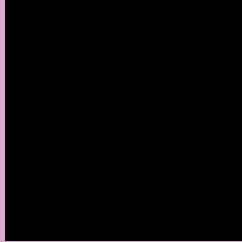
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0599, 0.3306, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 48.0599, 0.3306, 0.2900.



This preview shows how white text looks on a background with the Yxy color 48.0599, 0.3306, 0.2900.

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

48.0599, 0.3306, 0.2900

Protanopia

48.3237, 0.2886, 0.2928

Deuteranopia

48.0593, 0.3089, 0.3019



Tritanopia

48.0679, 0.3442, 0.3138

Trichromacy



Original Color

48.0599, 0.3306, 0.2900

Protanomaly

48.0463, 0.3027, 0.2913

Deuteranomaly

47.7616, 0.3160, 0.2965

Tritanomaly

48.1472, 0.3390, 0.3046

Monochromacy



Original Color

48.0599, 0.3306, 0.2900

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1774, 0.3194, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0599, 0.3306, 0.2900 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(221, 169, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 169, 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(221, 169, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 169, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.0599, 0.3306, 0.2900 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(221, 169, 203) }
```

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

```
.border{ border-color:rgb(221, 169, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 169, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 169, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 169, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 169,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0599, 0.3306, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 169, 203) }
```

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

```
.background{ background-color: rgb(221,  
169, 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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