

Converting Colors

$Y_{xy}(49.0159, 0.3186, 0.2977)$

Have a look what the booklet for
Yxy(49.0159, 0.3186, 0.2977)
contains.

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Color

Yxy(49.1660, 0.3185, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	D0B1CB
RGB	208, 177, 203
RGB Percent	82%, 69%, 80%
CMY	0.1843, 0.3059, 0.2041
CMYK	0.00, 0.15, 0.02, 0.18
HSL	310°, 25%, 75%
HSV	310°, 15%, 82%
XYZ	52.5130, 49.1660, 63.1969
YIQ	189.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

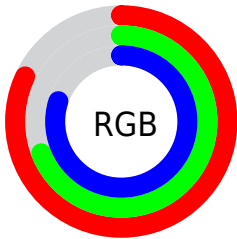
Format	Color
R_{YB}	208, 177, 203
Decimal	13677003
CIE Lab	75.55, 15.65, -8.98
CIE LCh	76, 18.040, 330.155
Yxy	49.1660, 0.3185, 0.2982
Android (android.graphics.Color)	4291867083 (0xFFD0B1CB)
YUV	189.2330, 6.7871, 16.4587
Hunter-Lab	70.1185, 10.9745, -4.3544

Details

The Yxy color $49.1660, 0.3185, 0.2982$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.8463, 0.3074, 0.3619$, and the grayscale version is $50.9862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $23.3575, 0.3193, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $41.4074, 0.3231, 0.2769$, and if you desaturate by 10%, it is $58.1850, 0.3145, 0.3191$.

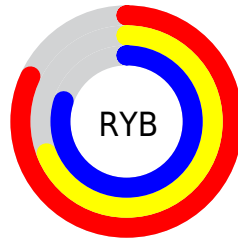
Distribution



Red (82%)

Green (69%)

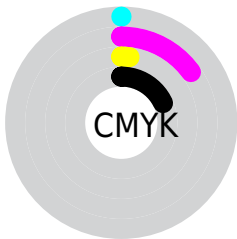
Blue (80%)



Red (82%)

Yellow (69%)

Blue (80%)

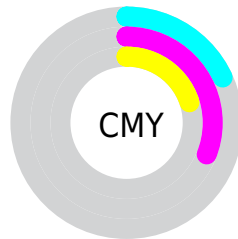


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1660, 0.3185, 0.2982 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 49.1660, 0.3185, 0.2982 by changing the saturation by 10% instead.


 49.1660, 0.3185,
0.2982

 49.1660, 0.3185,
0.2982


383.3955, 0.3158,
0.3131

 34.7512, 0.3191,
0.2946


 88.9380, 0.3176,
0.3035

 23.4713, 0.3199,
0.2901


115.0639, 0.3172,
0.3055

 14.9419, 0.3209,
0.2843


145.8623, 0.3169,
0.3073

 8.7786, 0.3221,
0.2763

181.7176, 0.3166,
0.3087

 4.5971, 0.3238,
0.2650

223.0141, 0.3164,
0.3100

 2.0128, 0.3262,
0.2476

270.1364, 0.3162,

 0.6149, 0.3326,

0.3112

0.2103

323.4687, 0.3160,
0.3122

0.0000, 0.0000,
0.0000

49.1660, 0.3185,
0.2982

49.1660, 0.3185,
0.2982

41.4074, 0.3231,
0.2769

58.1850, 0.3145,
0.3191

34.8461, 0.3282,
0.2557

68.5109, 0.3110,
0.3390

29.4235, 0.3338,
0.2355

80.1957, 0.3080,
0.3578

25.0733, 0.3398,
0.2172

89.9169, 0.3056,
0.3702

21.7224, 0.3461,
0.2017

90.0946, 0.3037,
0.3664

■ 19.2886, 0.3524,
0.1901

■ 90.2760, 0.3019,
0.3627

■ 17.6767, 0.3586,
0.1828

■ 90.4610, 0.3000,
0.3590

■ 16.7704, 0.3644,
0.1800

■ 90.6497, 0.2982,
0.3553

■ 16.4724, 0.3674,
0.1797

■ 90.8422, 0.2963,
0.3516

Harmonies

Analogous

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



49.1660, 0.2939, 0.2888



49.1660, 0.3185, 0.2982



49.1660, 0.3424, 0.3150

Triad

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



49.1660, 0.3185, 0.2982



49.1660, 0.3510, 0.3695



49.1660, 0.2691, 0.3195

Complementary

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



49.1660, 0.3185, 0.2982



57.8463, 0.3074, 0.3619

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.



49.1660, 0.2833, 0.3430



49.1660, 0.3185, 0.2982



49.1660, 0.3304, 0.3727

Square

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



49.1660, 0.3185, 0.2982



49.1660, 0.3615, 0.3555



49.1660, 0.3055, 0.3629



49.1660, 0.2662, 0.3000

Rectangle

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



49.1660, 0.3185, 0.2982



49.1660, 0.3543, 0.3286



49.1660, 0.3055, 0.3629



49.1660, 0.2727, 0.3272

Sweetspot

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



49.1681, 0.3185, 0.2982



93.5573, 0.3142, 0.3208



45.9043, 0.2926, 0.2899



19.7740, 0.3145, 0.3193



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.



49.1681, 0.3185, 0.2982



73.6575, 0.3199, 0.2912



48.4829, 0.3310, 0.3159



11.9746, 0.3162, 0.3098



10.2771, 0.3666, 0.1793



0.5837, 0.3569, 0.1740

Inverse Universe

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



49.1681, 0.3185, 0.2982



73.6575, 0.3199, 0.2912



58.5051, 0.2973, 0.3425



11.9746, 0.3162, 0.3098



10.2771, 0.3666, 0.1793



0.5837, 0.3569, 0.1740

Previews

White Background



This preview shows how the Yxy color 49.1660, 0.3185, 0.2982 looks on a white background.

Color Contrast Check

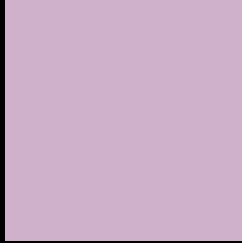
Large Text (above 18pt) WCAG AA × Fail

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 49.1660, 0.3185, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

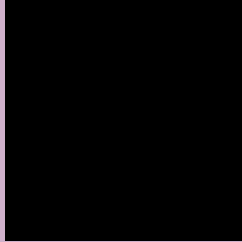
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1660, 0.3185, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 49.1660, 0.3185, 0.2982.



This preview shows how white text looks on a background with the Yxy color 49.1660, 0.3185, 0.2982.

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

49.1660, 0.3185, 0.2982

Protanopia

49.3193, 0.2939, 0.3003

Deuteranopia

49.1823, 0.3097, 0.3034



Tritanopia

49.3559, 0.3256, 0.3122

Trichromacy



Original Color

49.1660, 0.3185, 0.2982

Protanomaly

49.1186, 0.3025, 0.2995

Deuteranomaly

49.3243, 0.3131, 0.3024

Tritanomaly

49.1374, 0.3224, 0.3062

Monochromacy



Original Color

49.1660, 0.3185, 0.2982

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3287, 0.3149, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1660, 0.3185, 0.2982 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(208, 177, 203)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 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(208, 177, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 203) }
```

Border

The CSS property to change the border of an element to Yxy 49.1660, 0.3185, 0.2982 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(208, 177, 203) }
```

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

```
.border{ border-color:rgb(208, 177, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 177, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1660, 0.3185, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 203) }
```

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

```
.background{ background-color: rgb(208,  
177, 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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