

Converting Colors

$Y_{xy}(41.9168, 0.3336, 0.2870)$

Have a look what the booklet for
Yxy(41.9168, 0.3336, 0.2870)
contains.

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Color

Yxy(41.9168, 0.3336, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	D49DC0
RGB	212, 157, 192
RGB Percent	83%, 62%, 75%
CMY	0.1687, 0.3843, 0.2469
CMYK	0.00, 0.26, 0.09, 0.17
HSL	322°, 39%, 72%
HSV	322°, 26%, 83%
XYZ	48.7228, 41.9168, 55.4120
YIQ	177.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

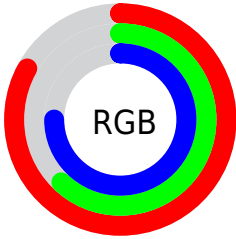
Format	Color
R _Y B	212, 157, 192
Decimal	13934016
CIE Lab	70.81, 25.96, -10.00
CIE LCh	71, 27.824, 338.938
Yxy	41.9168, 0.3336, 0.2870
Android (android.graphics.Color)	4292124096 (0xFFD49DC0)
YUV	177.4350, 7.1805, 30.3135
Hunter-Lab	64.7432, 21.0305, -5.4245

Details

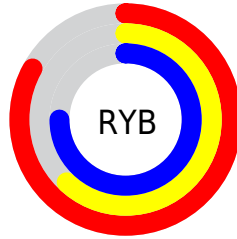
The Yxy color $41.9168, 0.3336, 0.2870$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.4218, 0.2965, 0.3751$, and the grayscale version is $44.1615, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1243, 0.3194, 0.2936$, and $19.1353, 0.3392, 0.2748$ is the 20% darker color. If you saturate the color by 10%, you get $35.0245, 0.3443, 0.2703$, and if you desaturate by 10%, it is $50.0751, 0.3245, 0.3037$.

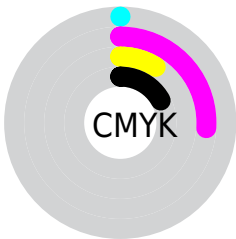
Distribution



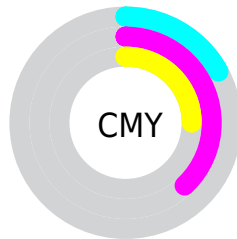
- Red (83%)
- Green (62%)
- Blue (75%)



- Red (83%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9168, 0.3336, 0.2870 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 41.9168, 0.3336, 0.2870 by changing the saturation by 10% instead.


 41.9168, 0.3336,
0.2870


 41.9168, 0.3336,
0.2870


354.1379, 0.3233,
0.3076

 29.0361, 0.3361,
0.2820


 78.0737, 0.3299,
0.2944

 19.1082, 0.3393,
0.2755


 102.1187, 0.3285,
0.2972

 11.7485, 0.3435,
0.2671


130.6540, 0.3273,
0.2996

 6.5726, 0.3493,
0.2556

164.0639, 0.3263,
0.3017

 3.1963, 0.3577,
0.2389

202.7329, 0.3254,
0.3035

 1.2351, 0.3710,
0.2125

247.0453, 0.3246,

 0.0901, 0.4478,

0.3050

0.0561

297.3855, 0.3239,
0.3064

0.0000, 0.0000,
0.0000

41.9168, 0.3336,
0.2870

41.9168, 0.3336,
0.2870

35.0245, 0.3443,
0.2703

50.0751, 0.3245,
0.3037

29.3281, 0.3566,
0.2542

59.5538, 0.3167,
0.3198

24.7591, 0.3704,
0.2397


70.4106, 0.3102,
0.3351

21.2399, 0.3855,
0.2278


82.6985, 0.3048,
0.3494


18.6828, 0.4015,
0.2198


91.2563, 0.3003,
0.3547

 16.9859, 0.4178,
0.2165


 91.6994, 0.2961,
0.3465

 16.0225, 0.4338,
0.2183

 92.1618, 0.2920,
0.3384

 15.7460, 0.4403,
0.2199

 92.6437, 0.2879,
0.3304

 92.7351, 0.2872,
0.3289

Harmonies

Analogous

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



41.9168, 0.2928, 0.2686



41.9168, 0.3336, 0.2870



41.9168, 0.3705, 0.3152

Triad

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



41.9168, 0.3336, 0.2870



41.9168, 0.3657, 0.3984



41.9168, 0.2400, 0.3020

Complementary

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



41.9168, 0.3336, 0.2870



57.4218, 0.2965, 0.3751

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.



41.9168, 0.2570, 0.3399



41.9168, 0.3336, 0.2870



41.9168, 0.3287, 0.3992

Square

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



41.9168, 0.3336, 0.2870



41.9168, 0.3891, 0.3783



41.9168, 0.2890, 0.3772



41.9168, 0.2410, 0.2750

Rectangle

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



41.9168, 0.3336, 0.2870



41.9168, 0.3868, 0.3368



41.9168, 0.2890, 0.3772



41.9168, 0.2438, 0.3138

Sweetspot

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



41.9187, 0.3336, 0.2870



87.2002, 0.3183, 0.3164



38.1283, 0.2842, 0.2586



18.1819, 0.3194, 0.3140



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.



41.9187, 0.3336, 0.2870



57.7993, 0.3392, 0.2780



40.8372, 0.3594, 0.3190



12.5527, 0.3193, 0.3143



9.7420, 0.4382, 0.2188



0.6032, 0.4127, 0.2047

Inverse Universe

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



41.9187, 0.3336, 0.2870



57.7993, 0.3392, 0.2780



58.5963, 0.2799, 0.3394



12.5527, 0.3193, 0.3143



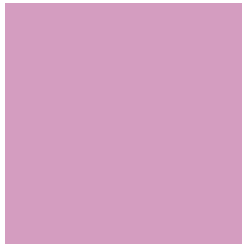
9.7420, 0.4382, 0.2188



0.6032, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 41.9168, 0.3336, 0.2870 looks on a white background.

Color Contrast Check

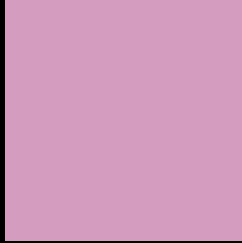
Large Text (above 18pt) WCAG AA × Fail

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 41.9168, 0.3336, 0.2870 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 41.9168, 0.3336, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 41.9168, 0.3336, 0.2870.



This preview shows how white text looks on a background with the Yxy color 41.9168, 0.3336, 0.2870.

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

41.9168, 0.3336, 0.2870

Protanopia

42.0941, 0.2857, 0.2894

Deuteranopia

42.1609, 0.3078, 0.3017



Tritanopia

41.8604, 0.3492, 0.3131

Trichromacy



Original Color

41.9168, 0.3336, 0.2870

Protanomaly

41.9050, 0.3022, 0.2892

Deuteranomaly

42.1412, 0.3170, 0.2962

Tritanomaly

41.9404, 0.3437, 0.3034

Monochromacy



Original Color

41.9168, 0.3336, 0.2870

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0740, 0.3207, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9168, 0.3336, 0.2870 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(212, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 192)  
}
```

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(212, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.9168, 0.3336, 0.2870 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(212, 157, 192) }
```

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

```
.border{ border-color:rgb(212, 157, 192) }
```

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

Here you see how a box with a 4 pixel rgb(212, 157, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9168, 0.3336, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 192) }
```

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

```
.background{ background-color: rgb(212,  
157, 192) }
```

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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