

Converting Colors

$Yxy(41.9922, 0.3416, 0.3045)$

Have a look what the booklet for
Yxy(41.9922, 0.3416, 0.3045)
contains.

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Color

Yxy(41.9922, 0.3416, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	D1A0B4
RGB	209, 160, 180
RGB Percent	82%, 63%, 71%
CMY	0.1803, 0.3726, 0.2941
CMYK	0.00, 0.23, 0.14, 0.18
HSL	336°, 35%, 72%
HSV	336°, 23%, 82%
XYZ	47.1085, 41.9922, 48.8047
YIQ	176.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

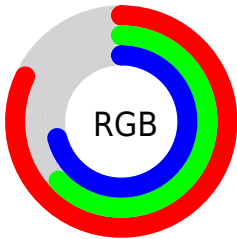
Format	Color
R _Y B	209, 160, 180
Decimal	13738164
CIE Lab	70.87, 21.27, -3.29
CIE LCh	71, 21.525, 351.201
Yxy	41.9922, 0.3416, 0.3045
Android (android.graphics.Color)	4291928244 (0xFFD1A0B4)
YUV	176.9310, 1.5130, 28.1245
Hunter-Lab	64.8014, 16.3612, 0.7071

Details

The Yxy color **41.9922, 0.3416, 0.3045** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7599, 0.2907, 0.3550**, and the grayscale version is **43.9130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9170, 0.3275, 0.3082**, and **19.1275, 0.3506, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **34.8643, 0.3584, 0.2935**, and if you desaturate by 10%, it is **50.3872, 0.3277, 0.3153**.

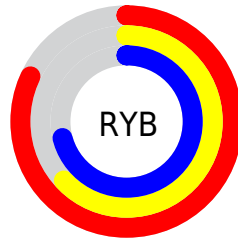
Distribution



Red (82%)

Green (63%)

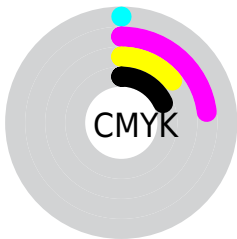
Blue (71%)



Red (82%)

Yellow (63%)

Blue (71%)

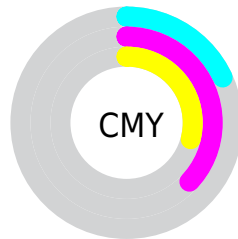


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9922, 0.3416, 0.3045 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 41.9922, 0.3416, 0.3045 by changing the saturation by 10% instead.


 41.9922, 0.3416,
0.3045

 41.9922, 0.3416,
0.3045


354.4506, 0.3270,
0.3168

 29.0952, 0.3453,
0.3014


 78.1878, 0.3363,
0.3090

 19.1528, 0.3501,
0.2975


 102.2552, 0.3343,
0.3106

 11.7808, 0.3565,
0.2922


130.8149, 0.3326,
0.3121

 6.5946, 0.3656,
0.2848

164.2511, 0.3311,
0.3133

 3.2099, 0.3793,
0.2738

202.9485, 0.3299,
0.3143

 1.2423, 0.4027,
0.2555

247.2912, 0.3288,

 0.0958, 0.5865,

0.3152

0.0921

297.6638, 0.3279,
0.3161

0.0000, 0.0000,
0.0000

41.9922, 0.3416,
0.3045

41.9922, 0.3416,
0.3045

34.8643, 0.3584,
0.2935

50.3872, 0.3277,
0.3153

28.9359, 0.3785,
0.2827

60.1014, 0.3162,
0.3256

24.1413, 0.4021,
0.2730

71.1909, 0.3068,
0.3352

20.4066, 0.4289,
0.2654

83.7067, 0.2990,
0.3441

17.6488, 0.4583,
0.2612

91.4811, 0.2924,
0.3426

■ 15.7722, 0.4887,
0.2615

■ 92.2493, 0.2859,
0.3297

■ 14.6617, 0.5183,
0.2671

■ 92.2986, 0.2855,
0.3289

■ 14.2195, 0.5365,
0.2729

Harmonies

Analogous

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



41.9922, 0.3102, 0.2862



41.9922, 0.3416, 0.3045



41.9922, 0.3657, 0.3290

Triad

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



41.9922, 0.3416, 0.3045



41.9922, 0.3433, 0.3847



41.9922, 0.2543, 0.2986

Complementary

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



41.9922, 0.3416, 0.3045



56.7599, 0.2907, 0.3550

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.



41.9922, 0.2622, 0.3254



41.9922, 0.3416, 0.3045



41.9922, 0.3127, 0.3775

Square

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



41.9922, 0.3416, 0.3045



41.9922, 0.3664, 0.3755



41.9922, 0.2832, 0.3551



41.9922, 0.2609, 0.2819

Rectangle

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



41.9922, 0.3416, 0.3045



41.9922, 0.3738, 0.3464



41.9922, 0.2832, 0.3551



41.9922, 0.2553, 0.3067

Sweetspot

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



41.9941, 0.3416, 0.3045



88.4734, 0.3201, 0.3219



40.5116, 0.2973, 0.2678



18.7350, 0.3208, 0.3213



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.



41.9941, 0.3416, 0.3045



60.1660, 0.3494, 0.2991



42.6764, 0.3598, 0.3342



11.8871, 0.3227, 0.3195



8.7836, 0.5328, 0.2709



0.5067, 0.4849, 0.2445

Inverse Universe

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



41.9941, 0.3416, 0.3045



60.1660, 0.3494, 0.2991



55.7103, 0.2779, 0.3237



11.8871, 0.3227, 0.3195



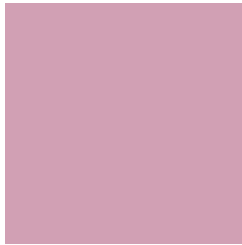
8.7836, 0.5328, 0.2709



0.5067, 0.4849, 0.2445

Previews

White Background



This preview shows how the Yxy color 41.9922, 0.3416, 0.3045 looks on a white background.

Color Contrast Check

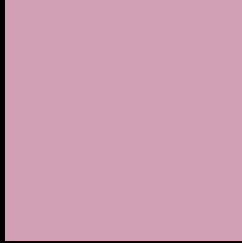
Large Text (above 18pt) WCAG AA × Fail

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 41.9922, 0.3416, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

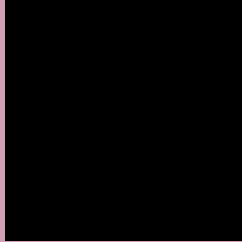
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9922, 0.3416, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 41.9922, 0.3416, 0.3045.



This preview shows how white text looks on a background with the Yxy color 41.9922, 0.3416, 0.3045.

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

41.9922, 0.3416, 0.3045

Protanopia

42.4022, 0.3006, 0.3090

Deuteranopia

41.9110, 0.3225, 0.3160



Tritanopia

41.9556, 0.3461, 0.3130

Trichromacy



Original Color

41.9922, 0.3416, 0.3045

Protanomaly

41.9471, 0.3147, 0.3069

Deuteranomaly

41.9007, 0.3294, 0.3112

Tritanomaly

42.0342, 0.3442, 0.3105

Monochromacy



Original Color

41.9922, 0.3416, 0.3045

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1590, 0.3231, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9922, 0.3416, 0.3045 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(209, 160, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 160, 180)  
}
```

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(209, 160, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 160, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.9922, 0.3416, 0.3045 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(209, 160, 180) }
```

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

```
.border{ border-color:rgb(209, 160, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 160, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 160, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 160, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 160,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9922, 0.3416, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 160, 180) }
```

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

```
.background{ background-color: rgb(209,  
160, 180) }
```

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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