

Converting Colors

$Yxy(41.1636, 0.3408, 0.3017)$

Have a look what the booklet for
Yxy(41.1636, 0.3408, 0.3017)
contains.

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Color

Yxy(41.1589, 0.3410, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	D09EB4
RGB	208, 158, 180
RGB Percent	82%, 62%, 71%
CMY	0.1841, 0.3805, 0.2940
CMYK	0.00, 0.24, 0.13, 0.18
HSL	334°, 35%, 72%
HSV	334°, 24%, 82%
XYZ	46.4895, 41.1589, 48.6845
YIQ	175.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

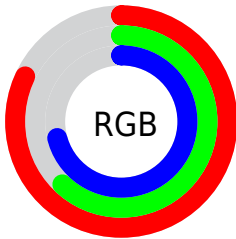
Format	Color
R _Y B	208, 158, 180
Decimal	13672116
CIE Lab	70.29, 22.02, -4.16
CIE LCh	70, 22.414, 349.293
Yxy	41.1589, 0.3410, 0.3019
Android (android.graphics.Color)	4291862196 (0xFFD09EB4)
YUV	175.4580, 2.2392, 28.5393
Hunter-Lab	64.1552, 17.0769, -0.0839

Details

The Yxy color **41.1589, 0.3410, 0.3019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9494, 0.2912, 0.3579**, and the grayscale version is **43.1016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9046, 0.3277, 0.3061**, and **18.6127, 0.3498, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **34.1998, 0.3571, 0.2900**, and if you desaturate by 10%, it is **49.3630, 0.3276, 0.3136**.

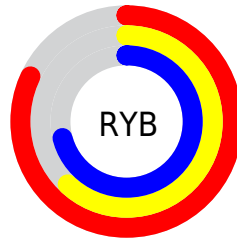
Distribution



Red (82%)

Green (62%)

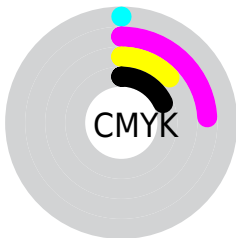
Blue (71%)



Red (82%)

Yellow (62%)

Blue (71%)

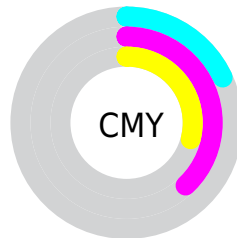


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1589, 0.3410, 0.3019 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 41.1589, 0.3410, 0.3019 by changing the saturation by 10% instead.


 41.1589, 0.3410,
0.3019

 41.1589, 0.3410,
0.3019


350.9843, 0.3267,
0.3155

 28.4433, 0.3446,
0.2985


 76.9251, 0.3358,
0.3068

 18.6601, 0.3493,
0.2941


 100.7444, 0.3338,
0.3087

 11.4249, 0.3556,
0.2883


129.0337, 0.3322,
0.3103

 6.3534, 0.3645,
0.2801

162.1774, 0.3307,
0.3116

 3.0611, 0.3781,
0.2679

200.5599, 0.3295,
0.3128

 1.1637, 0.4012,
0.2477

244.5657, 0.3285,

 0.0318, 0.6136,

0.3138

0.0343

294.5790, 0.3275,
0.3147

0.0000, 0.0000,
0.0000

41.1589, 0.3410,
0.3019

41.1589, 0.3410,
0.3019

34.1998, 0.3571,
0.2900

49.3630, 0.3276,
0.3136

28.4188, 0.3761,
0.2785

58.8637, 0.3166,
0.3247

23.7508, 0.3984,
0.2681

69.7165, 0.3075,
0.3351

20.1225, 0.4236,
0.2599

81.9719, 0.3001,
0.3447

17.4513, 0.4511,
0.2552

91.1254, 0.2938,
0.3465

■ 15.6421, 0.4796,
0.2552

■ 91.8334, 0.2876,
0.3342

■ 14.5798, 0.5073,
0.2605

■ 92.1573, 0.2849,
0.3289

■ 14.1826, 0.5231,
0.2655

Harmonies

Analogous

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



41.1589, 0.3079, 0.2834



41.1589, 0.3410, 0.3019



41.1589, 0.3671, 0.3272

Triad

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



41.1589, 0.3410, 0.3019



41.1589, 0.3465, 0.3873



41.1589, 0.2517, 0.2986

Complementary

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



41.1589, 0.3410, 0.3019



55.9494, 0.2912, 0.3579

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.



41.1589, 0.2608, 0.3271



41.1589, 0.3410, 0.3019



41.1589, 0.3148, 0.3810

Square

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



41.1589, 0.3410, 0.3019



41.1589, 0.3700, 0.3765



41.1589, 0.2835, 0.3582



41.1589, 0.2577, 0.2804

Rectangle

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



41.1589, 0.3410, 0.3019



41.1589, 0.3763, 0.3453



41.1589, 0.2835, 0.3582



41.1589, 0.2530, 0.3072

Sweetspot

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



41.1608, 0.3410, 0.3019



88.5083, 0.3197, 0.3214



39.3830, 0.2953, 0.2659



18.7431, 0.3204, 0.3207



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.



41.1608, 0.3410, 0.3019



59.1627, 0.3491, 0.2956



41.1953, 0.3618, 0.3323



11.8935, 0.3222, 0.3188



8.8533, 0.5196, 0.2636



0.5109, 0.4741, 0.2385

Inverse Universe

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



41.1608, 0.3410, 0.3019



59.1627, 0.3491, 0.2956



55.7488, 0.2772, 0.3257



11.8935, 0.3222, 0.3188



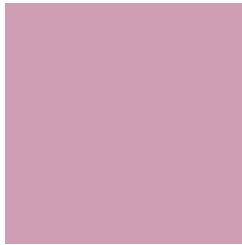
8.8533, 0.5196, 0.2636



0.5109, 0.4741, 0.2385

Previews

White Background



This preview shows how the Yxy color 41.1589, 0.3410, 0.3019 looks on a white background.

Color Contrast Check

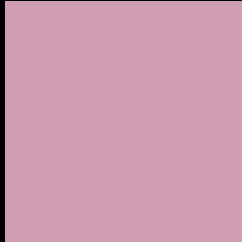
Large Text (above 18pt) WCAG AA × Fail

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 41.1589, 0.3410, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

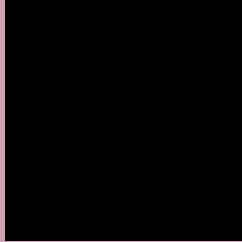
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1589, 0.3410, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 41.1589, 0.3410, 0.3019.



This preview shows how white text looks on a background with the Yxy color 41.1589, 0.3410, 0.3019.

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

41.1589, 0.3410, 0.3019

Protanopia

41.4146, 0.2989, 0.3061

Deuteranopia

41.2909, 0.3208, 0.3146



Tritanopia

41.0402, 0.3475, 0.3129

Trichromacy



Original Color

41.1589, 0.3410, 0.3019

Protanomaly

40.9656, 0.3130, 0.3041

Deuteranomaly

41.2749, 0.3277, 0.3098

Tritanomaly

41.1568, 0.3446, 0.3092

Monochromacy



Original Color

41.1589, 0.3410, 0.3019

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1151, 0.3223, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1589, 0.3410, 0.3019 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, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 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(208, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.1589, 0.3410, 0.3019 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, 158, 180) }
```

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

```
.border{ border-color:rgb(208, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1589, 0.3410, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 180) }
```

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

```
.background{ background-color: rgb(208,  
158, 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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