

Converting Colors

$Yxy(41.5431, 0.3412, 0.3193)$

Have a look what the booklet for
Yxy(41.5431, 0.3412, 0.3193)
contains.

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Color

Yxy(41.4140, 0.3409, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	C8A3AB
RGB	200, 163, 171
RGB Percent	78%, 64%, 67%
CMY	0.2156, 0.3608, 0.3295
CMYK	0.00, 0.19, 0.15, 0.22
HSL	347°, 25%, 71%
HSV	347°, 19%, 78%
XYZ	44.2710, 41.4140, 44.1801
YIQ	174.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

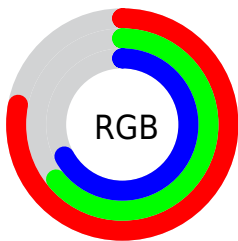
Format	Color
R _{YB}	200, 163, 171
Decimal	13149099
CIE Lab	70.47, 14.89, 1.01
CIE LCh	70, 14.923, 3.891
Yxy	41.4140, 0.3409, 0.3189
Android (android.graphics.Color)	4291339179 (0xFFC8A3AB)
YUV	174.9750, -1.9597, 21.9469
Hunter-Lab	64.3537, 10.1770, 4.3438

Details

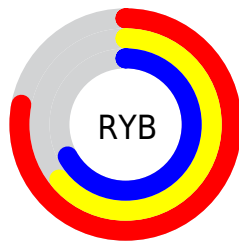
The Yxy color **41.4140, 0.3409, 0.3189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9143, 0.2904, 0.3394**, and the grayscale version is **42.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8938, 0.3342, 0.3210**, and **18.8118, 0.3498, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **34.3027, 0.3613, 0.3131**, and if you desaturate by 10%, it is **49.7235, 0.3243, 0.3245**.

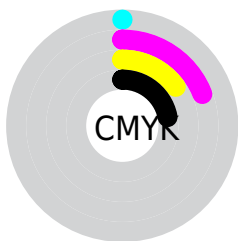
Distribution



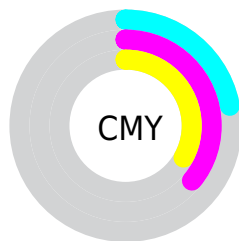
- Red (78%)
- Green (64%)
- Blue (67%)



- Red (78%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4140, 0.3409, 0.3189 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 41.4140, 0.3409, 0.3189 by changing the saturation by 10% instead.


 41.4140, 0.3409,
0.3189

 41.4140, 0.3409,
0.3189


352.0480, 0.3265,
0.3241

 28.6427, 0.3446,
0.3175


 77.3120, 0.3356,
0.3208

 18.8107, 0.3494,
0.3158


 101.2074, 0.3336,
0.3215

 11.5336, 0.3559,
0.3134


129.5798, 0.3320,
0.3221

 6.4269, 0.3653,
0.3099


162.8133, 0.3306,
0.3227

 3.1064, 0.3797,
0.3045

201.2925, 0.3293,
0.3231

 1.1875, 0.4050,
0.2949

245.4018, 0.3283,

 0.0515, 0.8890,

0.3235

0.1110

295.5255, 0.3273,
0.3238

0.0000, 0.0000,
0.0000

41.4140, 0.3409,
0.3189

41.4140, 0.3409,
0.3189

34.3027, 0.3613,
0.3131

49.7235, 0.3243,
0.3245

28.3287, 0.3863,
0.3073

59.2771, 0.3109,
0.3298

23.4345, 0.4163,
0.3020

70.1252, 0.3000,
0.3346

19.5551, 0.4514,
0.2978

82.3137, 0.2911,
0.3390

16.6184, 0.4905,
0.2958

90.6689, 0.2834,
0.3348

■ 14.5431, 0.5311,
0.2968

■ 91.0229, 0.2805,
0.3289

■ 13.2336, 0.5691,
0.3015

■ 12.5407, 0.6003,
0.3093

■ 12.4585, 0.6044,
0.3103

Harmonies

Analogous

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



41.4140, 0.3206, 0.3034



41.4140, 0.3409, 0.3189



41.4140, 0.3536, 0.3373

Triad

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



41.4140, 0.3409, 0.3189



41.4140, 0.3256, 0.3666



41.4140, 0.2722, 0.3020

Complementary

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



41.4140, 0.3409, 0.3189



52.9143, 0.2904, 0.3394

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.



41.4140, 0.2735, 0.3184



41.4140, 0.3409, 0.3189



41.4140, 0.3038, 0.3568

Square

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



41.4140, 0.3409, 0.3189



41.4140, 0.3445, 0.3654



41.4140, 0.2849, 0.3387



41.4140, 0.2813, 0.2935

Rectangle

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



41.4140, 0.3409, 0.3189



41.4140, 0.3558, 0.3491



41.4140, 0.2849, 0.3387



41.4140, 0.2714, 0.3068

Sweetspot

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



41.4159, 0.3409, 0.3189



89.8748, 0.3208, 0.3258



41.5714, 0.3076, 0.2825



19.0115, 0.3217, 0.3255



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.



41.4159, 0.3409, 0.3189



66.7641, 0.3482, 0.3167



45.0020, 0.3460, 0.3424



10.6738, 0.3256, 0.3240



7.9302, 0.6011, 0.3085



0.3866, 0.5417, 0.2758

Inverse Universe

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



41.4159, 0.3409, 0.3189



66.7641, 0.3482, 0.3167



48.5831, 0.2844, 0.3152



10.6738, 0.3256, 0.3240



7.9302, 0.6011, 0.3085



0.3866, 0.5417, 0.2758

Previews

White Background



This preview shows how the Yxy color 41.4140, 0.3409, 0.3189 looks on a white background.

Color Contrast Check

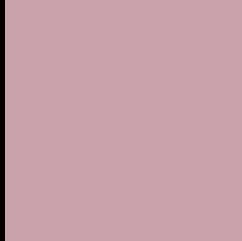
Large Text (above 18pt) WCAG AA × Fail

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 41.4140, 0.3409, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

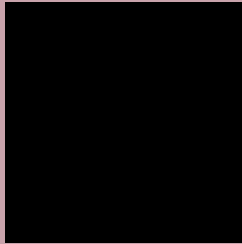
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4140, 0.3409, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 41.4140, 0.3409, 0.3189.



This preview shows how white text looks on a background with the Yxy color 41.4140, 0.3409, 0.3189.

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

41.4140, 0.3409, 0.3189

Protanopia

41.7536, 0.3121, 0.3236

Deuteranopia

41.4869, 0.3316, 0.3251



Tritanopia

41.3533, 0.3383, 0.3126

Trichromacy



Original Color

41.4140, 0.3409, 0.3189

Protanomaly

41.6223, 0.3222, 0.3224

Deuteranomaly

41.6440, 0.3355, 0.3239

Tritanomaly

41.3142, 0.3392, 0.3139

Monochromacy



Original Color

41.4140, 0.3409, 0.3189

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3722, 0.3220, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4140, 0.3409, 0.3189 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(200, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 171)  
}
```

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(200, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.4140, 0.3409, 0.3189 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(200, 163, 171) }
```

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

```
.border{ border-color:rgb(200, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4140, 0.3409, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 171) }
```

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

```
.background{ background-color: rgb(200,  
163, 171) }
```

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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