

Converting Colors

$Yxy(41.6966, 0.3417, 0.3185)$

Have a look what the booklet for
Yxy(41.6966, 0.3417, 0.3185)
contains.

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Color

Yxy(41.5905, 0.3409, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	C9A3AC
RGB	201, 163, 172
RGB Percent	79%, 64%, 67%
CMY	0.2118, 0.3607, 0.3256
CMYK	0.00, 0.19, 0.14, 0.21
HSL	346°, 26%, 71%
HSV	346°, 19%, 79%
XYZ	44.6276, 41.5905, 44.6931
YIQ	175.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

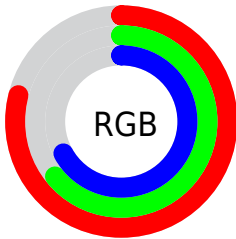
Format	Color
R _Y B	201, 163, 172
Decimal	13214636
CIE Lab	70.59, 15.40, 0.65
CIE LCh	71, 15.411, 2.429
Yxy	41.5905, 0.3409, 0.3177
Android (android.graphics.Color)	4291404716 (0xFFC9A3AC)
YUV	175.3880, -1.6703, 22.4617
Hunter-Lab	64.4907, 10.6635, 4.0546

Details

The Yxy color **41.5905, 0.3409, 0.3177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3648, 0.2905, 0.3406**, and the grayscale version is **43.0825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9489, 0.3335, 0.3201**, and **18.9280, 0.3498, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **34.4563, 0.3609, 0.3113**, and if you desaturate by 10%, it is **49.9310, 0.3246, 0.3239**.

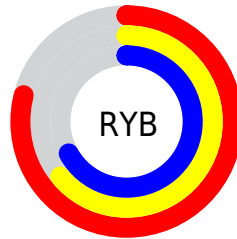
Distribution



Red (79%)

Green (64%)

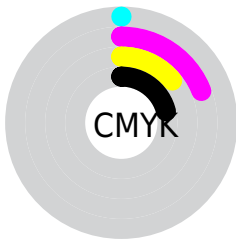
Blue (67%)



Red (79%)

Yellow (64%)

Blue (67%)

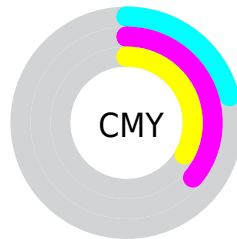


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5905, 0.3409, 0.3177 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 41.5905, 0.3409, 0.3177 by changing the saturation by 10% instead.


 41.5905, 0.3409,
0.3177

 41.5905, 0.3409,
0.3177


352.7826, 0.3265,
0.3235

 28.7808, 0.3446,
0.3162


 77.5795, 0.3356,
0.3198

 18.9150, 0.3494,
0.3143


 101.5275, 0.3336,
0.3206

 11.6089, 0.3559,
0.3116


129.9572, 0.3320,
0.3213

 6.4780, 0.3652,
0.3078

163.2527, 0.3306,
0.3219

 3.1378, 0.3795,
0.3019

201.7987, 0.3293,
0.3224

 1.2041, 0.4044,
0.2915

245.9794, 0.3283,

 0.0651, 0.8291,

0.3228

0.1232

296.1792, 0.3273,
0.3232

0.0000, 0.0000,
0.0000

41.5905, 0.3409,
0.3177

41.5905, 0.3409,
0.3177

34.4563, 0.3609,
0.3113

49.9310, 0.3246,
0.3239

28.4669, 0.3854,
0.3050

59.5242, 0.3114,
0.3296

23.5641, 0.4147,
0.2992

70.4210, 0.3007,
0.3349

19.6821, 0.4490,
0.2946

82.6680, 0.2919,
0.3398

16.7479, 0.4871,
0.2923

90.7605, 0.2843,
0.3355

■ 14.6790, 0.5269,
0.2933

■ 91.1566, 0.2811,
0.3289

■ 13.3783, 0.5643,
0.2982

■ 12.6876, 0.5955,
0.3063

■ 12.6254, 0.5986,
0.3071

Harmonies

Analogous

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



41.5905, 0.3197, 0.3020



41.5905, 0.3409, 0.3177



41.5905, 0.3545, 0.3366

Triad

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



41.5905, 0.3409, 0.3177



41.5905, 0.3271, 0.3681



41.5905, 0.2708, 0.3018

Complementary

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



41.5905, 0.3409, 0.3177



53.3648, 0.2905, 0.3406

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.



41.5905, 0.2726, 0.3190



41.5905, 0.3409, 0.3177



41.5905, 0.3046, 0.3584

Square

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



41.5905, 0.3409, 0.3177



41.5905, 0.3462, 0.3662



41.5905, 0.2848, 0.3400



41.5905, 0.2796, 0.2926

Rectangle

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



41.5905, 0.3409, 0.3177



41.5905, 0.3572, 0.3488



41.5905, 0.2848, 0.3400



41.5905, 0.2702, 0.3068

Sweetspot

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



41.5924, 0.3409, 0.3177



89.8936, 0.3206, 0.3255



41.5559, 0.3064, 0.2814



19.0159, 0.3215, 0.3251



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.



41.5924, 0.3409, 0.3177



65.5608, 0.3493, 0.3149



44.7594, 0.3472, 0.3412



10.6773, 0.3253, 0.3236



7.9510, 0.5951, 0.3052



0.3882, 0.5345, 0.2718

Inverse Universe

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



41.5924, 0.3409, 0.3177



65.5608, 0.3493, 0.3149



49.4834, 0.2839, 0.3165



10.6773, 0.3253, 0.3236



7.9510, 0.5951, 0.3052



0.3882, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 41.5905, 0.3409, 0.3177 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 41.5905, 0.3409, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

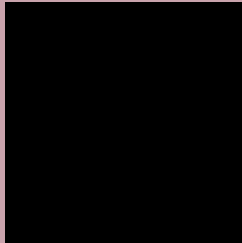
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5905, 0.3409, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 41.5905, 0.3409, 0.3177.



This preview shows how white text looks on a background with the Yxy color 41.5905, 0.3409, 0.3177.

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

41.5905, 0.3409, 0.3177

Protanopia

41.7933, 0.3112, 0.3222

Deuteranopia

41.5249, 0.3307, 0.3238



Tritanopia

41.7070, 0.3381, 0.3139

Trichromacy



Original Color

41.5905, 0.3409, 0.3177

Protanomaly

41.6614, 0.3213, 0.3211

Deuteranomaly

41.6820, 0.3346, 0.3226

Tritanomaly

41.6679, 0.3390, 0.3151

Monochromacy



Original Color

41.5905, 0.3409, 0.3177

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 41.5905, 0.3409, 0.3177 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(201, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 172)  
}
```

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(201, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.5905, 0.3409, 0.3177 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(201, 163, 172) }
```

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

```
.border{ border-color:rgb(201, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 163, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 163, 172); box-shadow:4px 4px 4px 4px rgb(201, 163, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5905, 0.3409, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 172) }
```

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

```
.background{ background-color: rgb(201,  
163, 172) }
```

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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