

Converting Colors

$Y_{xy}(40.6959, 0.3416, 0.3186)$

Have a look what the booklet for
Yxy(40.6959, 0.3416, 0.3186)
contains.

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Color

Yxy(40.5341, 0.3412, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	C7A1AA
RGB	199, 161, 170
RGB Percent	78%, 63%, 67%
CMY	0.2197, 0.3686, 0.3334
CMYK	0.00, 0.19, 0.15, 0.22
HSL	346°, 25%, 71%
HSV	346°, 19%, 78%
XYZ	43.5461, 40.5341, 43.5461
YIQ	173.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

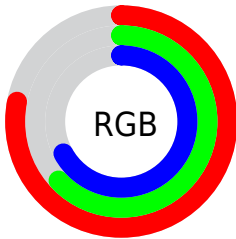
Format	Color
R _Y B	199, 161, 170
Decimal	13083050
CIE Lab	69.85, 15.42, 0.66
CIE LCh	70, 15.433, 2.455
Yxy	40.5341, 0.3412, 0.3176
Android (android.graphics.Color)	4291273130 (0xFFC7A1AA)
YUV	173.3880, -1.6703, 22.4617
Hunter-Lab	63.6664, 10.6729, 4.0137

Details

The Yxy color **40.5341, 0.3412, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1313, 0.2903, 0.3407**, and the grayscale version is **41.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8080, 0.3351, 0.3200**, and **18.2650, 0.3504, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **33.5829, 0.3613, 0.3112**, and if you desaturate by 10%, it is **48.6621, 0.3249, 0.3238**.

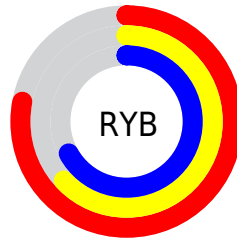
Distribution



Red (78%)

Green (63%)

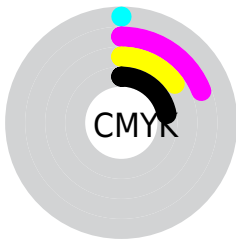
Blue (67%)



Red (78%)

Yellow (63%)

Blue (67%)

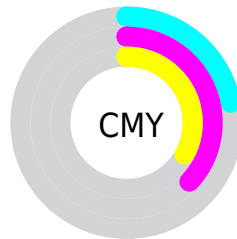


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5341, 0.3412, 0.3176 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 40.5341, 0.3412, 0.3176 by changing the saturation by 10% instead.


 40.5341, 0.3412,
0.3176


 40.5341, 0.3412,
0.3176


348.3696, 0.3266,
0.3235

 27.9552, 0.3450,
0.3161

 75.9761, 0.3358,
0.3198

 18.2919, 0.3499,
0.3141


 99.6081, 0.3338,
0.3206

 11.1598, 0.3565,
0.3114


127.6932, 0.3321,
0.3213

 6.1744, 0.3661,
0.3075

160.6158, 0.3307,
0.3218

 2.9514, 0.3810,
0.3013

198.7604, 0.3295,
0.3223

 1.1064, 0.4072,
0.2904

242.5113, 0.3284,

 0.0000, 1.0000,

0.3228

0.0000

292.2529, 0.3274,
0.3231

0.0000, 0.0000,
0.0000

40.5341, 0.3412,
0.3176

40.5341, 0.3412,
0.3176

33.5829, 0.3613,
0.3112

48.6621, 0.3249,
0.3238

27.7485, 0.3858,
0.3049

58.0124, 0.3116,
0.3295

22.9739, 0.4152,
0.2991

68.6345, 0.3008,
0.3348

19.1950, 0.4495,
0.2946

80.5740, 0.2921,
0.3397

16.3405, 0.4877,
0.2923

90.3111, 0.2846,
0.3384

■ 14.3296, 0.5274,
0.2933

■ 90.8783, 0.2800,
0.3289

■ 13.0673, 0.5647,
0.2983

■ 12.3946, 0.5958,
0.3064

■ 12.3431, 0.5985,
0.3070

Harmonies

Analogous

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



40.5341, 0.3198, 0.3018



40.5341, 0.3412, 0.3176



40.5341, 0.3550, 0.3366

Triad

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



40.5341, 0.3412, 0.3176



40.5341, 0.3272, 0.3685



40.5341, 0.2704, 0.3016

Complementary

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



40.5341, 0.3412, 0.3176



52.1313, 0.2903, 0.3407

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.



40.5341, 0.2722, 0.3189



40.5341, 0.3412, 0.3176



40.5341, 0.3045, 0.3587

Square

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



40.5341, 0.3412, 0.3176



40.5341, 0.3465, 0.3665



40.5341, 0.2845, 0.3401



40.5341, 0.2793, 0.2923

Rectangle

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



40.5341, 0.3412, 0.3176



40.5341, 0.3577, 0.3490



40.5341, 0.2845, 0.3401



40.5341, 0.2697, 0.3066

Sweetspot

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



40.5359, 0.3412, 0.3176



89.8935, 0.3206, 0.3255



40.4993, 0.3063, 0.2809



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.



40.5359, 0.3412, 0.3176



65.5606, 0.3493, 0.3149



43.6521, 0.3475, 0.3413



10.6773, 0.3253, 0.3236



7.9509, 0.5952, 0.3052



0.3882, 0.5345, 0.2718

Inverse Universe

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



40.5359, 0.3412, 0.3176



65.5606, 0.3493, 0.3149



48.3048, 0.2837, 0.3164



10.6773, 0.3253, 0.3236



7.9509, 0.5952, 0.3052



0.3882, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 40.5341, 0.3412, 0.3176 looks on a white background.

Color Contrast Check

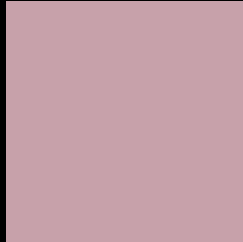
Large Text (above 18pt) WCAG AA × Fail

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 40.5341, 0.3412, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

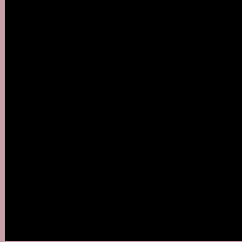
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5341, 0.3412, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 40.5341, 0.3412, 0.3176.



This preview shows how white text looks on a background with the Yxy color 40.5341, 0.3412, 0.3176.

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

40.5341, 0.3412, 0.3176

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

40.4662, 0.3309, 0.3238



Tritanopia

40.6490, 0.3384, 0.3137

Trichromacy



Original Color

40.5341, 0.3412, 0.3176

Protanomaly

40.5996, 0.3214, 0.3210

Deuteranomaly

40.6220, 0.3349, 0.3225

Tritanomaly

40.6104, 0.3393, 0.3150

Monochromacy



Original Color

40.5341, 0.3412, 0.3176

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2996, 0.3221, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5341, 0.3412, 0.3176 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(199, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 170)  
}
```

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(199, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 170) }
```

Border

The CSS property to change the border of an element to Yxy 40.5341, 0.3412, 0.3176 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(199, 161, 170) }
```

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

```
.border{ border-color:rgb(199, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5341, 0.3412, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 170) }
```

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

```
.background{ background-color: rgb(199,  
161, 170) }
```

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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