

Converting Colors

$Y_{xy}(40.9230, 0.3401, 0.3176)$

Have a look what the booklet for
Yxy(40.9230, 0.3401, 0.3176)
contains.

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Color

Yxy(40.9230, 0.3401, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	C7A2AB
RGB	199, 162, 171
RGB Percent	78%, 64%, 67%
CMY	0.2196, 0.3647, 0.3295
CMYK	0.00, 0.19, 0.14, 0.22
HSL	345°, 25%, 71%
HSV	345°, 19%, 78%
XYZ	43.8221, 40.9230, 44.1056
YIQ	174.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

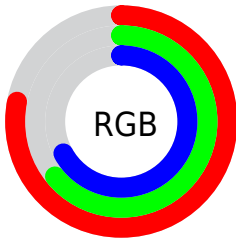
Format	Color
R_{YB}	199, 162, 171
Decimal	13083307
CIE _{Lab}	70.12, 15.05, 0.50
CIE _{LCh}	70, 15.061, 1.919
Yxy	40.9230, 0.3401, 0.3176
Android (android.graphics.Color)	4291273387 (0xFFC7A2AB)
YUV	174.0890, -1.5229, 21.8469
Hunter-Lab	63.9711, 10.3285, 3.9016

Details

The Yxy color **40.9230, 0.3401, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2478, 0.2910, 0.3407**, and the grayscale version is **42.3765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3767, 0.3343, 0.3200**, and **18.5035, 0.3487, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **33.9171, 0.3598, 0.3111**, and if you desaturate by 10%, it is **49.1075, 0.3241, 0.3239**.

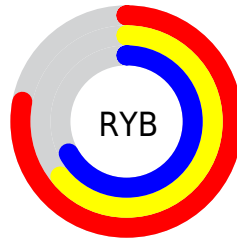
Distribution



Red (78%)

Green (64%)

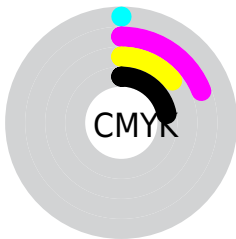
Blue (67%)



Red (78%)

Yellow (64%)

Blue (67%)

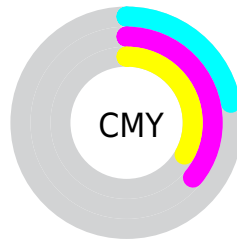


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9230, 0.3401, 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 40.9230, 0.3401, 0.3176 by changing the saturation by 10% instead.


 40.9230, 0.3401,
0.3176

 40.9230, 0.3401,
0.3176


349.9987, 0.3261,
0.3235

 28.2589, 0.3437,
0.3161


 76.5670, 0.3349,
0.3198

 18.5209, 0.3484,
0.3141


 100.3157, 0.3330,
0.3206

 11.3246, 0.3548,
0.3114


128.5281, 0.3314,
0.3212

 6.2856, 0.3639,
0.3076

161.5885, 0.3300,
0.3218

 3.0195, 0.3780,
0.3015

199.8814, 0.3288,
0.3223

 1.1419, 0.4029,
0.2909

243.7911, 0.3278,

 0.0135, 0.9657,

0.3227

0.0343

293.7021, 0.3269,
0.3231

0.0000, 0.0000,
0.0000

40.9230, 0.3401,
0.3176

40.9230, 0.3401,
0.3176

33.9171, 0.3598,
0.3111

49.1075, 0.3241,
0.3239

28.0302, 0.3839,
0.3045

58.5159, 0.3110,
0.3298

23.2054, 0.4128,
0.2985

69.1976, 0.3005,
0.3353

19.3790, 0.4465,
0.2938

81.1980, 0.2918,
0.3402

16.4801, 0.4842,
0.2912

90.3374, 0.2844,
0.3380

■ 14.4285, 0.5236,
0.2920

■ 90.8820, 0.2800,
0.3289

■ 13.1303, 0.5610,
0.2967

■ 12.4366, 0.5925,
0.3049

■ 12.3575, 0.5965,
0.3060

Harmonies

Analogous

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



40.9230, 0.3192, 0.3022



40.9230, 0.3401, 0.3176



40.9230, 0.3536, 0.3361

Triad

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



40.9230, 0.3401, 0.3176



40.9230, 0.3272, 0.3674



40.9230, 0.2714, 0.3026

Complementary

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



40.9230, 0.3401, 0.3176



52.2478, 0.2910, 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.



40.9230, 0.2734, 0.3196



40.9230, 0.3401, 0.3176



40.9230, 0.3051, 0.3581

Square

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



40.9230, 0.3401, 0.3176



40.9230, 0.3459, 0.3654



40.9230, 0.2856, 0.3402



40.9230, 0.2799, 0.2933

Rectangle

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



40.9230, 0.3401, 0.3176



40.9230, 0.3564, 0.3482



40.9230, 0.2856, 0.3402



40.9230, 0.2709, 0.3075

Sweetspot

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



40.9248, 0.3401, 0.3176



89.8996, 0.3205, 0.3254



40.8821, 0.3065, 0.2822



19.0173, 0.3215, 0.3250



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.



40.9248, 0.3401, 0.3176



66.8398, 0.3470, 0.3152



43.9734, 0.3465, 0.3409



10.6784, 0.3252, 0.3234



7.9580, 0.5932, 0.3041



0.3887, 0.5322, 0.2706

Inverse Universe

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



40.9248, 0.3401, 0.3176



66.8398, 0.3470, 0.3152



48.5250, 0.2844, 0.3167



10.6784, 0.3252, 0.3234



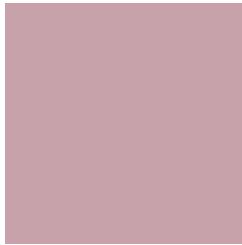
7.9580, 0.5932, 0.3041



0.3887, 0.5322, 0.2706

Previews

White Background



This preview shows how the Yxy color 40.9230, 0.3401, 0.3176 looks on a white background.

Color Contrast Check

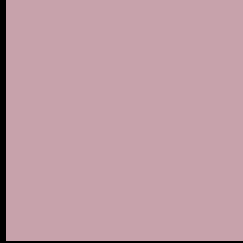
Large Text (above 18pt) WCAG AA × Fail

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 40.9230, 0.3401, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

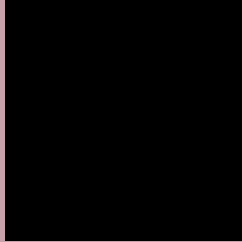
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9230, 0.3401, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 40.9230, 0.3401, 0.3176.



This preview shows how white text looks on a background with the Yxy color 40.9230, 0.3401, 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

40.9230, 0.3401, 0.3176

Protanopia

41.1446, 0.3103, 0.3222

Deuteranopia

40.9935, 0.3308, 0.3238



Tritanopia

41.0388, 0.3373, 0.3138

Trichromacy



Original Color

40.9230, 0.3401, 0.3176

Protanomaly

41.0063, 0.3204, 0.3210

Deuteranomaly

41.1500, 0.3347, 0.3226

Tritanomaly

40.9999, 0.3382, 0.3150

Monochromacy



Original Color

40.9230, 0.3401, 0.3176

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8339, 0.3220, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9230, 0.3401, 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, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 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(199, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 171) }
```

Border

The CSS property to change the border of an element to Yxy 40.9230, 0.3401, 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, 162, 171) }
```

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

```
.border{ border-color:rgb(199, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9230, 0.3401, 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, 162, 171) }
```

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

```
.background{ background-color: rgb(199,  
162, 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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