

Converting Colors

$Yxy(41.7674, 0.3380, 0.3022)$

Have a look what the booklet for
Yxy(41.7674, 0.3380, 0.3022)
contains.

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Color

Yxy(41.7844, 0.3378, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	CFA0B6
RGB	207, 160, 182
RGB Percent	81%, 63%, 71%
CMY	0.1881, 0.3726, 0.2862
CMYK	0.00, 0.23, 0.12, 0.19
HSL	332°, 33%, 72%
HSV	332°, 23%, 81%
XYZ	46.7531, 41.7844, 49.8672
YIQ	176.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

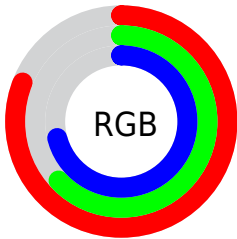
Format	Color
R _Y B	207, 160, 182
Decimal	13607094
CIE Lab	70.72, 20.89, -4.64
CIE LCh	71, 21.402, 347.471
Yxy	41.7844, 0.3378, 0.3019
Android (android.graphics.Color)	4291797174 (0xFFCFA0B6)
YUV	176.5610, 2.6814, 26.6950
Hunter-Lab	64.6409, 15.9831, -0.4907

Details

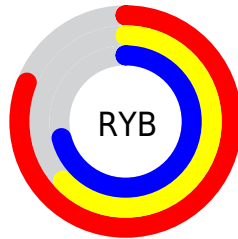
The Yxy color **41.7844, 0.3378, 0.3019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6136, 0.2932, 0.3578**, and the grayscale version is **43.7040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0339, 0.3261, 0.3062**, and **18.9855, 0.3452, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **34.7591, 0.3526, 0.2893**, and if you desaturate by 10%, it is **50.0444, 0.3254, 0.3142**.

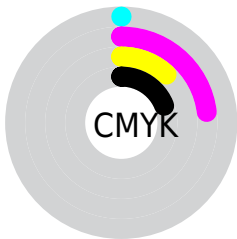
Distribution



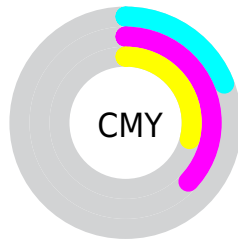
- Red (81%)
- Green (63%)
- Blue (71%)



- Red (81%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (19%)




- Cyan (19%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7844, 0.3378, 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 41.7844, 0.3378, 0.3019 by changing the saturation by 10% instead.


 41.7844, 0.3378,
0.3019


 41.7844, 0.3378,
0.3019

353.5884, 0.3252,
0.3154

 28.9325, 0.3410,
0.2985


 77.8732, 0.3332,
0.3068

 19.0298, 0.3451,
0.2942


 101.8789, 0.3315,
0.3087

 11.6918, 0.3506,
0.2884


130.3714, 0.3300,
0.3102

 6.5342, 0.3584,
0.2804

163.7350, 0.3288,
0.3116

 3.1725, 0.3701,
0.2685

202.3541, 0.3277,
0.3127

 1.2225, 0.3899,
0.2488

246.6131, 0.3267,

 0.0799, 0.5438,

0.3137

0.0742

296.8964, 0.3259,
0.3146

0.0000, 0.0000,
0.0000

41.7844, 0.3378,
0.3019

41.7844, 0.3378,
0.3019

34.7591, 0.3526,
0.2893

50.0444, 0.3254,
0.3142

28.9030, 0.3703,
0.2770

59.5892, 0.3152,
0.3259

24.1528, 0.3908,
0.2657

70.4732, 0.3067,
0.3369

20.4371, 0.4141,
0.2565

82.7458, 0.2998,
0.3471

17.6761, 0.4396,
0.2506

90.9066, 0.2938,
0.3478

■ 15.7779, 0.4663,
0.2493

■ 91.5701, 0.2880,
0.3361

■ 14.6322, 0.4926,
0.2533

■ 92.0091, 0.2844,
0.3289

■ 14.1314, 0.5111,
0.2589

Harmonies

Analogous

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



41.7844, 0.3063, 0.2847



41.7844, 0.3378, 0.3019



41.7844, 0.3632, 0.3258

Triad

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



41.7844, 0.3378, 0.3019



41.7844, 0.3466, 0.3841



41.7844, 0.2547, 0.3016

Complementary

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



41.7844, 0.3378, 0.3019



55.6136, 0.2932, 0.3578

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.



41.7844, 0.2643, 0.3291



41.7844, 0.3378, 0.3019



41.7844, 0.3166, 0.3791

Square

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



41.7844, 0.3378, 0.3019



41.7844, 0.3681, 0.3732



41.7844, 0.2866, 0.3584



41.7844, 0.2595, 0.2835

Rectangle

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



41.7844, 0.3378, 0.3019



41.7844, 0.3726, 0.3431



41.7844, 0.2866, 0.3584



41.7844, 0.2563, 0.3100

Sweetspot

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



41.7863, 0.3378, 0.3019



88.5390, 0.3194, 0.3209



39.8718, 0.2951, 0.2694



18.7502, 0.3200, 0.3202



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.



41.7863, 0.3378, 0.3019



61.5237, 0.3443, 0.2961



41.2185, 0.3587, 0.3301



11.8991, 0.3218, 0.3182



8.9197, 0.5078, 0.2571



0.5147, 0.4646, 0.2333

Inverse Universe

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



41.7863, 0.3378, 0.3019



61.5237, 0.3443, 0.2961



56.2382, 0.2792, 0.3279



11.8991, 0.3218, 0.3182



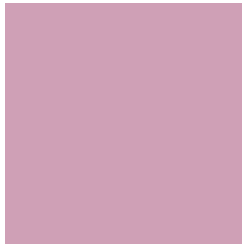
8.9197, 0.5078, 0.2571



0.5147, 0.4646, 0.2333

Previews

White Background



This preview shows how the Yxy color 41.7844, 0.3378, 0.3019 looks on a white background.

Color Contrast Check

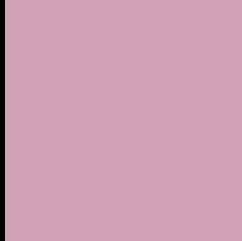
Large Text (above 18pt) WCAG AA × Fail

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 41.7844, 0.3378, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

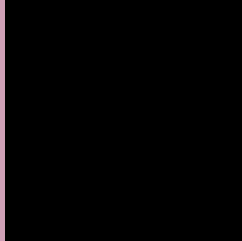
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7844, 0.3378, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 41.7844, 0.3378, 0.3019.



This preview shows how white text looks on a background with the Yxy color 41.7844, 0.3378, 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

41.7844, 0.3378, 0.3019

Protanopia

41.9498, 0.2989, 0.3062

Deuteranopia

41.8653, 0.3198, 0.3133



Tritanopia

41.6675, 0.3442, 0.3129

Trichromacy



Original Color

41.7844, 0.3378, 0.3019

Protanomaly

41.8647, 0.3129, 0.3056

Deuteranomaly

41.7158, 0.3258, 0.3085

Tritanomaly

41.7859, 0.3414, 0.3092

Monochromacy



Original Color

41.7844, 0.3378, 0.3019

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0719, 0.3213, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7844, 0.3378, 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(207, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 182)  
}
```

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(207, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 182) }
```

Border

The CSS property to change the border of an element to Yxy 41.7844, 0.3378, 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(207, 160, 182) }
```

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

```
.border{ border-color:rgb(207, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 160, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 160, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 160,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7844, 0.3378, 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(207, 160, 182) }
```

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

```
.background{ background-color: rgb(207,  
160, 182) }
```

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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