

Converting Colors

$Yxy(34.7957, 0.3380, 0.2808)$

Have a look what the booklet for
Yxy(34.7957, 0.3380, 0.2808)
contains.

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Color

Yxy(34.7219, 0.3377, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	C98DB3
RGB	201, 141, 179
RGB Percent	79%, 55%, 70%
CMY	0.2119, 0.4470, 0.2981
CMYK	0.00, 0.30, 0.11, 0.21
HSL	322°, 36%, 67%
HSV	322°, 30%, 79%
XYZ	41.7429, 34.7219, 47.1447
YIQ	163.2720, 23.5620, 24.5380

Conversions

Conversions Part 2

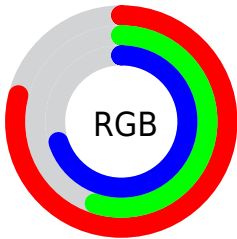
Format	Color
R _Y B	201, 141, 179
Decimal	13209011
CIE Lab	65.53, 28.63, -10.73
CIE LCh	66, 30.576, 339.449
Yxy	34.7219, 0.3377, 0.2809
Android (android.graphics.Color)	4291399091 (0xFFC98DB3)
YUV	163.2720, 7.7539, 33.0875
Hunter-Lab	58.9253, 23.3309, -6.1887

Details

The Yxy color **34.7219, 0.3377, 0.2809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.0702, 0.2941, 0.3827**, and the grayscale version is **36.7158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2884, 0.3302, 0.2889**, and **14.9297, 0.3454, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **29.0336, 0.3491, 0.2645**, and if you desaturate by 10%, it is **41.5047, 0.3279, 0.2975**.

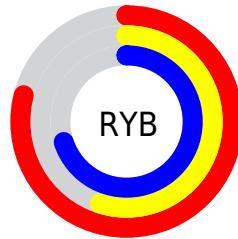
Distribution



Red (79%)

Green (55%)

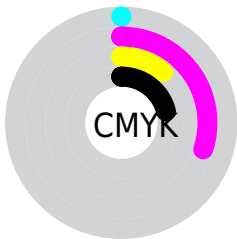
Blue (70%)



Red (79%)

Yellow (55%)

Blue (70%)

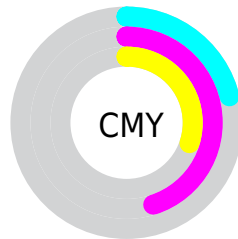


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (21%)



Cyan (21%)


Magenta (45%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7219, 0.3377, 0.2809 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 34.7219, 0.3377, 0.2809 by changing the saturation by 10% instead.


 34.7219, 0.3377,
0.2809


 34.7219, 0.3377,
0.2809


323.3391, 0.3251,
0.3052


 23.4487, 0.3409,
0.2748

 67.0547, 0.3331,
0.2898

 14.9252, 0.3450,
0.2669

 88.8832, 0.3313,
0.2931

 8.7669, 0.3506,
0.2564


 114.9988, 0.3299,
0.2959

 4.5895, 0.3584,
0.2416

145.7861, 0.3286,
0.2983

 2.0085, 0.3702,
0.2195

181.6293, 0.3276,
0.3003

 0.6124, 0.3929,
0.1767

222.9130, 0.3266,


 0.0000, 0.5192,


0.3021

0.0000

270.0215, 0.3258,
0.3037

 0.0000, 0.0000,
0.0000

 34.7219, 0.3377,
0.2809


 34.7219, 0.3377,
0.2809


 29.0336, 0.3491,
0.2645


 41.5047, 0.3279,
0.2975


 24.3766, 0.3620,
0.2490


 49.4314, 0.3196,
0.3137


 20.6886, 0.3765,
0.2355

 58.5540, 0.3126,
0.3293

 17.8984, 0.3921,
0.2250


 68.9198, 0.3068,
0.3438

 15.9250, 0.4085,
0.2187


 80.5737, 0.3019,
0.3574


 14.6728, 0.4249,
0.2173

 89.2727, 0.2978,
0.3632

 13.9643, 0.4411,
0.2204

 89.6794, 0.2938,
0.3551

 13.9538, 0.4414,
0.2205

 90.1036, 0.2899,
0.3470

 90.5456, 0.2860,
0.3391

Harmonies

Analogous

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



34.7219, 0.2900, 0.2596



34.7219, 0.3377, 0.2809



34.7219, 0.3811, 0.3132

Triad

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



34.7219, 0.3377, 0.2809



34.7219, 0.3734, 0.4102



34.7219, 0.2285, 0.2961

Complementary

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



34.7219, 0.3377, 0.2809



50.0702, 0.2941, 0.3827

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.



34.7219, 0.2473, 0.3406



34.7219, 0.3377, 0.2809



34.7219, 0.3300, 0.4118

Square

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



34.7219, 0.3377, 0.2809



34.7219, 0.4016, 0.3861



34.7219, 0.2839, 0.3854



34.7219, 0.2300, 0.2656

Rectangle

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



34.7219, 0.3377, 0.2809



34.7219, 0.3999, 0.3380



34.7219, 0.2839, 0.3854



34.7219, 0.2325, 0.3099

Sweetspot

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



34.7235, 0.3377, 0.2809



85.6912, 0.3191, 0.3149



30.9527, 0.2791, 0.2470



17.8811, 0.3202, 0.3125



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.



34.7235, 0.3377, 0.2809



52.7641, 0.3451, 0.2699



33.6715, 0.3687, 0.3174



10.7481, 0.3193, 0.3145



8.7942, 0.4392, 0.2193



0.4300, 0.4083, 0.2023

Inverse Universe

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



34.7235, 0.3377, 0.2809



52.7641, 0.3451, 0.2699



51.2307, 0.2755, 0.3411



10.7481, 0.3193, 0.3145



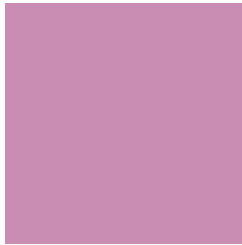
8.7942, 0.4392, 0.2193



0.4300, 0.4083, 0.2023

Previews

White Background



This preview shows how the Yxy color 34.7219, 0.3377, 0.2809 looks on a white background.

Color Contrast Check

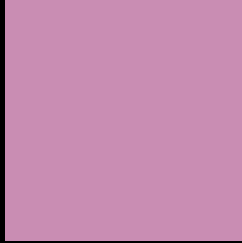
Large Text (above 18pt) WCAG AA × Fail

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 34.7219, 0.3377, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

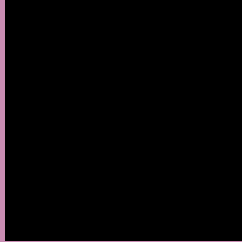
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7219, 0.3377, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 34.7219, 0.3377, 0.2809.



This preview shows how white text looks on a background with the Yxy color 34.7219, 0.3377, 0.2809.

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

34.7219, 0.3377, 0.2809

Protanopia

34.9437, 0.2812, 0.2836

Deuteranopia

34.7928, 0.3054, 0.2994



Tritanopia

34.6569, 0.3579, 0.3147

Trichromacy



Original Color

34.7219, 0.3377, 0.2809

Protanomaly

34.5477, 0.2996, 0.2822

Deuteranomaly

34.5707, 0.3164, 0.2922

Tritanomaly

34.7690, 0.3507, 0.3031

Monochromacy



Original Color

34.7219, 0.3377, 0.2809

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6544, 0.3215, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7219, 0.3377, 0.2809 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, 141, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 141, 179)  
}
```

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, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 141, 179) }
```

Border

The CSS property to change the border of an element to Yxy 34.7219, 0.3377, 0.2809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

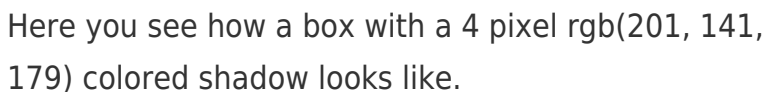
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 141, 179) }
```

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

```
.border{ border-color:rgb(201, 141, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 141, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 141, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 141, 179); box-shadow:4px 4px 4px 4px rgb(201, 141, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7219, 0.3377, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 141, 179) }
```

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

```
.background{ background-color: rgb(201,  
141, 179) }
```

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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