

Converting Colors

$Y_{xy}(39.2213, 0.3119, 0.2637)$

Have a look what the booklet for
Yxy(39.2213, 0.3119, 0.2637)
contains.

Yxy(39.2818, 0.3120, 0.2645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.2818, 0.3120, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	C998CD
RGB	201, 152, 205
RGB Percent	79%, 60%, 80%
CMY	0.2117, 0.4039, 0.1961
CMYK	0.02, 0.26, 0.00, 0.20
HSL	295°, 35%, 70%
HSV	295°, 26%, 80%
XYZ	46.3362, 39.2818, 62.8954
YIQ	172.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

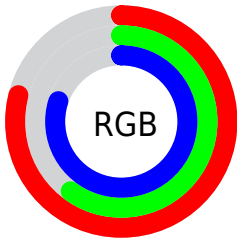
Format	Color
R_{YB}	201, 152, 205
Decimal	13211853
CIE _{Lab}	68.95, 27.33, -20.09
CIE _{LCh}	69, 33.922, 323.682
Yxy	39.2818, 0.3120, 0.2645
Android (android.graphics.Color)	4291401933 (0xFFC998CD)
YUV	172.6930, 15.9274, 24.8252
Hunter-Lab	62.6752, 22.2846, -15.6257

Details

The Yxy color **39.2818, 0.3120, 0.2645** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.9956, 0.3123, 0.4016**, and the grayscale version is **41.5388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **17.4597, 0.3101, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **32.9814, 0.3113, 0.2395**, and if you desaturate by 10%, it is **46.7377, 0.3124, 0.2899**.

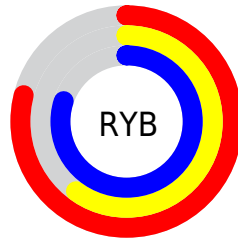
Distribution



Red (79%)

Green (60%)

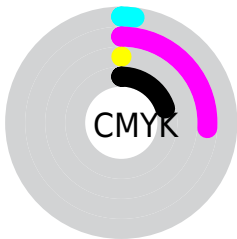
Blue (80%)



Red (79%)

Yellow (60%)

Blue (80%)

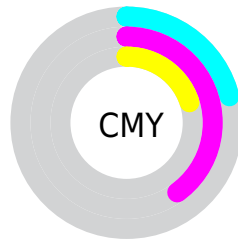


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (21%)


Magenta (40%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2818, 0.3120, 0.2645 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 39.2818, 0.3120, 0.2645 by changing the saturation by 10% instead.


 39.2818, 0.3120,
0.2645


 39.2818, 0.3120,
0.2645


343.0871, 0.3130,
0.2960

 26.9790, 0.3116,
0.2569


 74.0686, 0.3125,
0.2757

 17.5575, 0.3109,
0.2473


 97.3214, 0.3127,
0.2800

 10.6327, 0.3098,
0.2349


124.9931, 0.3128,
0.2837

 5.8205, 0.3079,
0.2181

157.4679, 0.3129,
0.2868

 2.7362, 0.3044,
0.1942

195.1303, 0.3129,
0.2895

 0.9956, 0.2970,
0.1584

238.3647, 0.3130,


 0.0000, 0.2978,


0.2919

0.0000

287.5555, 0.3130,
0.2941

 0.0000, 0.0000,
0.0000


 39.2818, 0.3120,
0.2645


 39.2818, 0.3120,
0.2645


 32.9814, 0.3113,
0.2395

 46.7377, 0.3124,
0.2899

 27.7723, 0.3105,
0.2157


 55.3990, 0.3127,
0.3148


 23.5918, 0.3093,
0.1942

 65.3188, 0.3127,
0.3388

 20.3687, 0.3079,
0.1758

 76.5454, 0.3127,
0.3614

 18.0227, 0.3063,
0.1614

 89.1247, 0.3125,
0.3824

■ 16.4605, 0.3046,
0.1513

■ 89.6685, 0.3134,
0.3827

■ 15.5661, 0.3027,
0.1455

■ 89.8965, 0.3144,
0.3826

■ 15.2992, 0.3020,
0.1437

■ 90.1266, 0.3153,
0.3824

■ 90.3590, 0.3163,
0.3822

Harmonies

Analogous

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



39.2818, 0.2652, 0.2500



39.2818, 0.3120, 0.2645



39.2818, 0.3628, 0.2931

Triad

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



39.2818, 0.3120, 0.2645



39.2818, 0.3956, 0.4038



39.2818, 0.2312, 0.3174

Complementary

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



39.2818, 0.3120, 0.2645



52.9956, 0.3123, 0.4016

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.



39.2818, 0.2616, 0.3678



39.2818, 0.3120, 0.2645



39.2818, 0.3563, 0.4200

Square

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



39.2818, 0.3120, 0.2645



39.2818, 0.4130, 0.3701



39.2818, 0.3071, 0.4077



39.2818, 0.2216, 0.2761

Rectangle

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



39.2818, 0.3120, 0.2645



39.2818, 0.3907, 0.3174



39.2818, 0.3071, 0.4077



39.2818, 0.2392, 0.3340

Sweetspot

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



39.2835, 0.3120, 0.2645



87.3778, 0.3126, 0.3093



35.0009, 0.2690, 0.2621



18.2267, 0.3126, 0.3055



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.



39.2835, 0.3120, 0.2645



58.4000, 0.3117, 0.2505



38.8513, 0.3362, 0.2906



11.3591, 0.3126, 0.3061



9.5430, 0.3022, 0.1439



0.5054, 0.3061, 0.1460

Inverse Universe

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



37.8359, 0.3632, 0.3241



55.6643, 0.3782, 0.3229



53.3963, 0.2947, 0.3709



11.2271, 0.3278, 0.3273



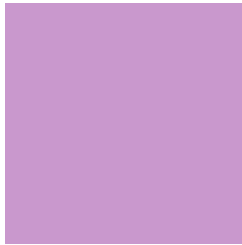
8.1077, 0.6310, 0.3250



0.4231, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 39.2818, 0.3120, 0.2645 looks on a white background.

Color Contrast Check

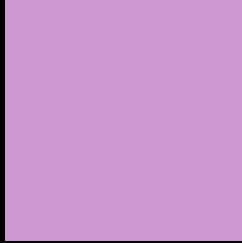
Large Text (above 18pt) WCAG AA × Fail

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 39.2818, 0.3120, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

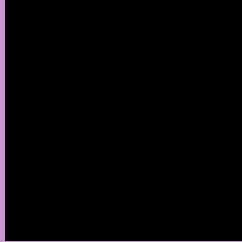
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2818, 0.3120, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 39.2818, 0.3120, 0.2645.



This preview shows how white text looks on a background with the Yxy color 39.2818, 0.3120, 0.2645.

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

39.2818, 0.3120, 0.2645

Protanopia

39.6116, 0.2666, 0.2654

Deuteranopia

39.5469, 0.2845, 0.2786



Tritanopia

39.1298, 0.3379, 0.3122

Trichromacy



Original Color

39.2818, 0.3120, 0.2645

Protanomaly

39.3145, 0.2817, 0.2656

Deuteranomaly

39.2045, 0.2938, 0.2723

Tritanomaly

39.2016, 0.3288, 0.2948

Monochromacy



Original Color

39.2818, 0.3120, 0.2645

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.4803, 0.3121, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2818, 0.3120, 0.2645 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, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 205)  
}
```

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, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 205) }
```

Border

The CSS property to change the border of an element to Yxy 39.2818, 0.3120, 0.2645 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, 152, 205) }
```

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

```
.border{ border-color:rgb(201, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2818, 0.3120, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 205) }
```

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

```
.background{ background-color: rgb(201,  
152, 205) }
```

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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