

Converting Colors

$Y_{xy}(39.7671, 0.3220, 0.2969)$

Have a look what the booklet for
Yxy(39.7671, 0.3220, 0.2969)
contains.

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Color

Yxy(39.9819, 0.3218, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	C1A0B9
RGB	193, 160, 185
RGB Percent	76%, 63%, 73%
CMY	0.2431, 0.3725, 0.2746
CMYK	0.00, 0.17, 0.04, 0.24
HSL	315°, 21%, 69%
HSV	315°, 17%, 76%
XYZ	43.3205, 39.9819, 51.3168
YIQ	172.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

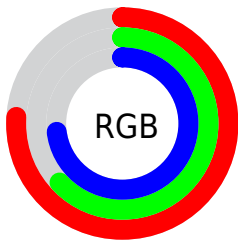
Format	Color
R_{YB}	193, 160, 185
Decimal	12689593
CIE Lab	69.46, 16.44, -8.30
CIE LCh	69, 18.419, 333.202
Yxy	39.9819, 0.3218, 0.2970
Android (android.graphics.Color)	4290879673 (0xFFC1A0B9)
YUV	172.7170, 6.0555, 17.7882
Hunter-Lab	63.2312, 11.6377, -3.8564

Details

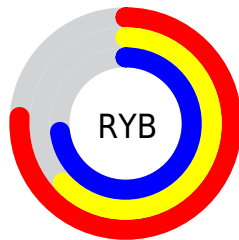
The Yxy color **39.9819, 0.3218, 0.2970** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4497, 0.3047, 0.3633**, and the grayscale version is **41.6028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2757, 0.3204, 0.3030**, and **17.8800, 0.3240, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **33.6075, 0.3283, 0.2776**, and if you desaturate by 10%, it is **47.4053, 0.3162, 0.3160**.

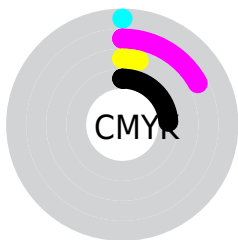
Distribution



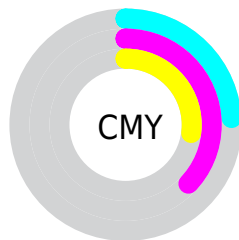
- Red (76%)
- Green (63%)
- Blue (73%)



- Red (76%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9819, 0.3218, 0.2970 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 39.9819, 0.3218, 0.2970 by changing the saturation by 10% instead.


 39.9819, 0.3218,
0.2970


 39.9819, 0.3218,
0.2970


346.0473, 0.3173,
0.3130

 27.5244, 0.3229,
0.2930


 75.1360, 0.3202,
0.3028

 17.9675, 0.3243,
0.2879

 98.6013, 0.3196,
0.3050

 10.9266, 0.3261,
0.2810

126.5048, 0.3191,
0.3068

 6.0175, 0.3286,
0.2715

159.2307, 0.3186,
0.3084

 2.8557, 0.3322,
0.2573

197.1636, 0.3182,
0.3098

 1.0569, 0.3379,
0.2339

240.6877, 0.3179,

 0.0000, 0.4005,

0.3110

0.0000

290.1874, 0.3176,
0.3121

0.0000, 0.0000,
0.0000

39.9819, 0.3218,
0.2970

39.9819, 0.3218,
0.2970

33.6075, 0.3283,
0.2776

47.4053, 0.3162,
0.3160

28.2290, 0.3356,
0.2583

55.9173, 0.3114,
0.3342

23.7966, 0.3439,
0.2400

65.5616, 0.3073,
0.3513

20.2540, 0.3529,
0.2235

76.3783, 0.3039,
0.3672

17.5389, 0.3624,
0.2100

87.4376, 0.3011,
0.3804

■ 15.5812, 0.3723,
0.2002

■ 87.6733, 0.2985,
0.3750

■ 14.2988, 0.3821,
0.1950

■ 87.9159, 0.2960,
0.3697

■ 13.5784, 0.3915,
0.1944

■ 88.1655, 0.2935,
0.3643

■ 13.4144, 0.3943,
0.1946

■ 88.4222, 0.2910,
0.3591

Harmonies

Analogous

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



39.9819, 0.2946, 0.2859



39.9819, 0.3218, 0.2970



39.9819, 0.3474, 0.3158

Triad

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



39.9819, 0.3218, 0.2970



39.9819, 0.3527, 0.3742



39.9819, 0.2642, 0.3160

Complementary

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



39.9819, 0.3218, 0.2970



48.4497, 0.3047, 0.3633

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.



39.9819, 0.2785, 0.3417



39.9819, 0.3218, 0.2970



39.9819, 0.3292, 0.3765

Square

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



39.9819, 0.3218, 0.2970



39.9819, 0.3656, 0.3597



39.9819, 0.3021, 0.3645



39.9819, 0.2624, 0.2956

Rectangle

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



39.9819, 0.3218, 0.2970



39.9819, 0.3597, 0.3308



39.9819, 0.3021, 0.3645



39.9819, 0.2677, 0.3243

Sweetspot

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



39.9837, 0.3218, 0.2970



87.8152, 0.3152, 0.3197



37.2860, 0.2918, 0.2842



18.6178, 0.3155, 0.3184



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9837, 0.3218, 0.2970



66.5505, 0.3244, 0.2888



39.3394, 0.3367, 0.3175



10.2042, 0.3174, 0.3117



8.9337, 0.3931, 0.1939



0.3963, 0.3738, 0.1833

Inverse Universe

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



39.9837, 0.3218, 0.2970



66.5505, 0.3244, 0.2888



49.0904, 0.2933, 0.3408



10.2042, 0.3174, 0.3117



8.9337, 0.3931, 0.1939



0.3963, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 39.9819, 0.3218, 0.2970 looks on a white background.

Color Contrast Check

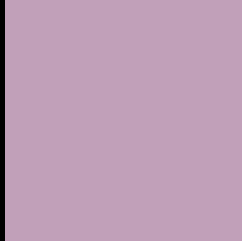
Large Text (above 18pt) WCAG AA × Fail

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 39.9819, 0.3218, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

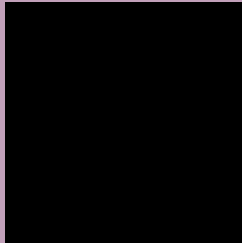
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9819, 0.3218, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 39.9819, 0.3218, 0.2970.



This preview shows how white text looks on a background with the Yxy color 39.9819, 0.3218, 0.2970.

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

39.9819, 0.3218, 0.2970

Protanopia

40.3091, 0.2938, 0.3005

Deuteranopia

40.0743, 0.3102, 0.3038



Tritanopia

40.1031, 0.3306, 0.3134

Trichromacy



Original Color

39.9819, 0.3218, 0.2970

Protanomaly

40.1334, 0.3033, 0.2997

Deuteranomaly

39.9694, 0.3149, 0.3015

Tritanomaly

39.9106, 0.3270, 0.3070

Monochromacy



Original Color

39.9819, 0.3218, 0.2970

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8829, 0.3160, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9819, 0.3218, 0.2970 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(193, 160, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 160, 185)  
}
```

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(193, 160, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 160, 185) }
```

Border

The CSS property to change the border of an element to Yxy 39.9819, 0.3218, 0.2970 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(193, 160, 185) }
```

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

```
.border{ border-color:rgb(193, 160, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 160, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 160, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 160, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 160,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9819, 0.3218, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 160, 185) }
```

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

```
.background{ background-color: rgb(193,  
160, 185) }
```

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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