

Converting Colors

$Yxy(39.4185, 0.3229, 0.2978)$

Have a look what the booklet for
Yxy(39.4185, 0.3229, 0.2978)
contains.

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Color

Yxy(39.4216, 0.3227, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	C09FB7
RGB	192, 159, 183
RGB Percent	75%, 62%, 72%
CMY	0.2472, 0.3764, 0.2824
CMYK	0.00, 0.17, 0.05, 0.25
HSL	316°, 21%, 69%
HSV	316°, 17%, 75%
XYZ	42.6748, 39.4216, 50.1465
YIQ	171.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

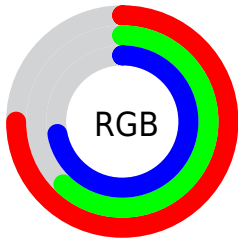
Format	Color
RYB	192, 159, 183
Decimal	12623799
CIELab	69.06, 16.25, -7.80
CIElCh	69, 18.025, 334.347
Yxy	39.4216, 0.3227, 0.2981
Android (android.graphics.Color)	4290813879 (0xFFC09FB7)
YUV	171.6030, 5.6187, 17.8882
Hunter-Lab	62.7866, 11.4462, -3.4032

Details

The Yxy color **39.4216, 0.3227, 0.2981** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8844, 0.3040, 0.3620**, and the grayscale version is **41.0095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4649, 0.3211, 0.3039**, and **17.5304, 0.3254, 0.2885** is the 20% darker color. If you saturate the color by 10%, you get **33.1107, 0.3298, 0.2794**, and if you desaturate by 10%, it is **46.7694, 0.3166, 0.3164**.

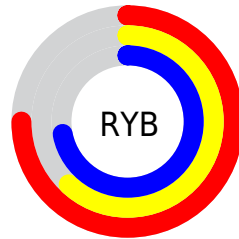
Distribution



Red (75%)

Green (62%)

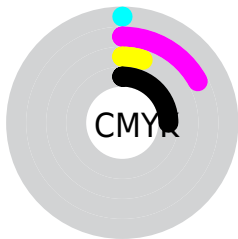
Blue (72%)



Red (75%)

Yellow (62%)

Blue (72%)

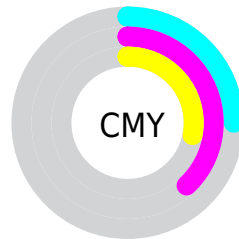


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4216, 0.3227, 0.2981 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 39.4216, 0.3227, 0.2981 by changing the saturation by 10% instead.


 39.4216, 0.3227,
0.2981


 39.4216, 0.3227,
0.2981


343.6796, 0.3177,
0.3136

 27.0879, 0.3239,
0.2942


 74.2819, 0.3209,
0.3037

 17.6392, 0.3255,
0.2892


 97.5773, 0.3202,
0.3059

 10.6913, 0.3276,
0.2825

125.2954, 0.3197,
0.3077

 5.8596, 0.3304,
0.2732

157.8205, 0.3192,
0.3092

 2.7599, 0.3346,
0.2592

195.5371, 0.3187,
0.3105

 1.0077, 0.3414,
0.2359

238.8296, 0.3184,

 0.0000, 0.4078,

0.3117

0.0000

288.0823, 0.3180,
0.3127

0.0000, 0.0000,
0.0000

39.4216, 0.3227,
0.2981

39.4216, 0.3227,
0.2981

33.1107, 0.3298,
0.2794

46.7694, 0.3166,
0.3164

27.7843, 0.3380,
0.2608

55.1931, 0.3113,
0.3339

23.3931, 0.3472,
0.2430

64.7361, 0.3069,
0.3503

19.8816, 0.3574,
0.2271

75.4378, 0.3032,
0.3656

17.1883, 0.3682,
0.2140

87.3334, 0.3001,
0.3797

■ 15.2439, 0.3794,
0.2047

■ 87.5974, 0.2973,
0.3737

■ 13.9672, 0.3907,
0.2000

■ 87.8700, 0.2945,
0.3677

■ 13.2456, 0.4016,
0.2000

■ 88.1513, 0.2917,
0.3618

■ 13.0833, 0.4048,
0.2004

■ 88.4414, 0.2889,
0.3560

Harmonies

Analogous

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



39.4216, 0.2959, 0.2868



39.4216, 0.3227, 0.2981



39.4216, 0.3477, 0.3169

Triad

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



39.4216, 0.3227, 0.2981



39.4216, 0.3513, 0.3738



39.4216, 0.2647, 0.3154

Complementary

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



39.4216, 0.3227, 0.2981



47.8844, 0.3040, 0.3620

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.



39.4216, 0.2783, 0.3405



39.4216, 0.3227, 0.2981



39.4216, 0.3280, 0.3755

Square

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



39.4216, 0.3227, 0.2981



39.4216, 0.3645, 0.3600



39.4216, 0.3013, 0.3631



39.4216, 0.2634, 0.2956

Rectangle

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



39.4216, 0.3227, 0.2981



39.4216, 0.3595, 0.3316



39.4216, 0.3013, 0.3631



39.4216, 0.2680, 0.3235

Sweetspot

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



39.4233, 0.3227, 0.2981



87.7927, 0.3154, 0.3201



36.9113, 0.2927, 0.2842



18.6123, 0.3158, 0.3188



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.



39.4233, 0.3227, 0.2981



66.4614, 0.3256, 0.2903



38.7846, 0.3378, 0.3189



10.1991, 0.3178, 0.3124



8.8209, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Inverse Universe

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



39.4233, 0.3227, 0.2981



66.4614, 0.3256, 0.2903



48.5293, 0.2924, 0.3393



10.1991, 0.3178, 0.3124



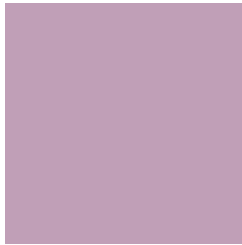
8.8209, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 39.4216, 0.3227, 0.2981 looks on a white background.

Color Contrast Check

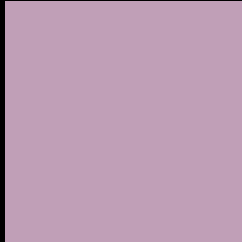
Large Text (above 18pt) WCAG AA × Fail

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 39.4216, 0.3227, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

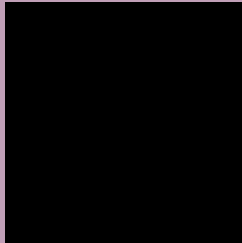
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4216, 0.3227, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 39.4216, 0.3227, 0.2981.



This preview shows how white text looks on a background with the Yxy color 39.4216, 0.3227, 0.2981.

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

39.4216, 0.3227, 0.2981

Protanopia

39.7431, 0.2945, 0.3017

Deuteranopia

39.5120, 0.3111, 0.3049



Tritanopia

39.5832, 0.3307, 0.3133

Trichromacy



Original Color

39.4216, 0.3227, 0.2981

Protanomaly

39.5694, 0.3040, 0.3008

Deuteranomaly

39.4084, 0.3158, 0.3026

Tritanomaly

39.3923, 0.3271, 0.3069

Monochromacy



Original Color

39.4216, 0.3227, 0.2981

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3557, 0.3160, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4216, 0.3227, 0.2981 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(192, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 183)  
}
```

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(192, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.4216, 0.3227, 0.2981 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(192, 159, 183) }
```

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

```
.border{ border-color:rgb(192, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4216, 0.3227, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 183) }
```

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

```
.background{ background-color: rgb(192,  
159, 183) }
```

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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