

Converting Colors

$Yxy(39.6979, 0.3289, 0.3029)$

Have a look what the booklet for
Yxy(39.6979, 0.3289, 0.3029)
contains.

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Color

Yxy(39.6530, 0.3292, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	C39FB3
RGB	195, 159, 179
RGB Percent	76%, 62%, 70%
CMY	0.2354, 0.3764, 0.2979
CMYK	0.00, 0.18, 0.08, 0.24
HSL	327°, 23%, 69%
HSV	327°, 18%, 76%
XYZ	43.0391, 39.6530, 48.0464
YIQ	172.0440, 15.0360, 13.8520

Conversions

Conversions Part 2

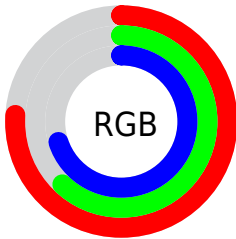
Format	Color
R_{YB}	195, 159, 179
Decimal	12820403
CIE _{Lab}	69.22, 16.62, -5.33
CIE _{LCh}	69, 17.452, 342.218
Yxy	39.6530, 0.3292, 0.3033
Android (android.graphics.Color)	4291010483 (0xFFC39FB3)
YUV	172.0440, 3.4293, 20.1324
Hunter-Lab	62.9706, 11.8025, -1.1587

Details

The Yxy color **39.6530, 0.3292, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4884, 0.2990, 0.3562**, and the grayscale version is **41.2558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7867, 0.3261, 0.3080**, and **17.6845, 0.3346, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **33.1297, 0.3406, 0.2886**, and if you desaturate by 10%, it is **47.2595, 0.3196, 0.3175**.

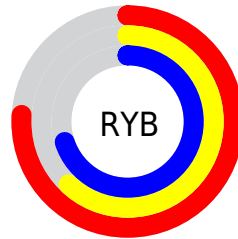
Distribution



Red (76%)

Green (62%)

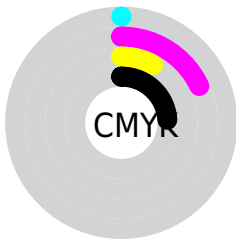
Blue (70%)



Red (76%)

Yellow (62%)

Blue (70%)

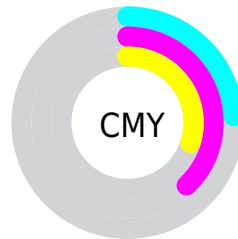


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6530, 0.3292, 0.3033 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 39.6530, 0.3292, 0.3033 by changing the saturation by 10% instead.

 39.6530, 0.3292,
0.3033


 39.6530, 0.3292,
0.3033

344.6588, 0.3209,
0.3162

 27.2681, 0.3313,
0.3000

 74.6348, 0.3261,
0.3080

 17.7747, 0.3340,
0.2958


 98.0005, 0.3250,
0.3098

 10.7883, 0.3377,
0.2902


125.7953, 0.3240,
0.3113

 5.9247, 0.3429,
0.2823

158.4035, 0.3232,
0.3126

 2.7993, 0.3509,
0.2703

196.2096, 0.3225,
0.3137

 1.0279, 0.3644,
0.2502

239.5979, 0.3219,

 0.0000, 0.5373,

0.3146

0.0000

288.9529, 0.3213,
0.3155

0.0000, 0.0000,
0.0000

39.6530, 0.3292,
0.3033

39.6530, 0.3292,
0.3033

33.1297, 0.3406,
0.2886

47.2595, 0.3196,
0.3175

27.6346, 0.3541,
0.2740

55.9906, 0.3116,
0.3310

23.1155, 0.3698,
0.2601

65.8920, 0.3049,
0.3437

19.5138, 0.3875,
0.2478

77.0050, 0.2994,
0.3554

16.7642, 0.4070,
0.2384

88.4083, 0.2948,
0.3646

■ 14.7929, 0.4278,
0.2329

■ 88.8849, 0.2902,
0.3549

■ 13.5133, 0.4489,
0.2325

■ 89.3855, 0.2857,
0.3454

■ 12.7877, 0.4696,
0.2370

■ 89.9107, 0.2812,
0.3361

■ 12.6932, 0.4728,
0.2378

■ 90.3399, 0.2778,
0.3289

Harmonies

Analogous

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



39.6530, 0.3030, 0.2901



39.6530, 0.3292, 0.3033



39.6530, 0.3516, 0.3228

Triad

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



39.6530, 0.3292, 0.3033



39.6530, 0.3448, 0.3740



39.6530, 0.2647, 0.3101

Complementary

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



39.6530, 0.3292, 0.3033



49.4884, 0.2990, 0.3562

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.



39.6530, 0.2750, 0.3337



39.6530, 0.3292, 0.3033



39.6530, 0.3208, 0.3720

Square

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



39.6530, 0.3292, 0.3033



39.6530, 0.3606, 0.3634



39.6530, 0.2952, 0.3569



39.6530, 0.2667, 0.2931

Rectangle

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



39.6530, 0.3292, 0.3033



39.6530, 0.3608, 0.3373



39.6530, 0.2952, 0.3569



39.6530, 0.2668, 0.3175

Sweetspot

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



39.6548, 0.3292, 0.3033



88.1609, 0.3176, 0.3208



37.8060, 0.2963, 0.2812



19.0869, 0.3181, 0.3199



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.



39.6548, 0.3292, 0.3033



66.2628, 0.3334, 0.2976



38.9866, 0.3459, 0.3260



10.1696, 0.3204, 0.3163



8.2686, 0.4702, 0.2364



0.3710, 0.4282, 0.2132

Inverse Universe

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



39.6548, 0.3292, 0.3033



66.2628, 0.3334, 0.2976



50.2263, 0.2869, 0.3321



10.1696, 0.3204, 0.3163



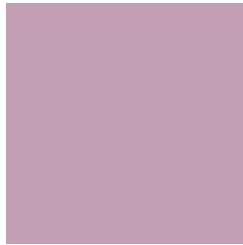
8.2686, 0.4702, 0.2364



0.3710, 0.4282, 0.2132

Previews

White Background



This preview shows how the Yxy color 39.6530, 0.3292, 0.3033 looks on a white background.

Color Contrast Check

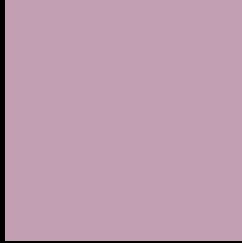
Large Text (above 18pt) WCAG AA × Fail

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 39.6530, 0.3292, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

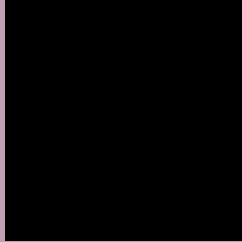
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6530, 0.3292, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 39.6530, 0.3292, 0.3033.



This preview shows how white text looks on a background with the Yxy color 39.6530, 0.3292, 0.3033.

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

39.6530, 0.3292, 0.3033

Protanopia

39.8329, 0.2987, 0.3058

Deuteranopia

39.7104, 0.3173, 0.3103



Tritanopia

39.6281, 0.3337, 0.3122

Trichromacy



Original Color

39.6530, 0.3292, 0.3033

Protanomaly

39.7941, 0.3093, 0.3049

Deuteranomaly

39.6198, 0.3222, 0.3080

Tritanomaly

39.7061, 0.3318, 0.3096

Monochromacy



Original Color

39.6530, 0.3292, 0.3033

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4359, 0.3178, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6530, 0.3292, 0.3033 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(195, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 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(195, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.6530, 0.3292, 0.3033 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(195, 159, 179) }
```

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

```
.border{ border-color:rgb(195, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(195, 159,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6530, 0.3292, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 179) }
```

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

```
.background{ background-color: rgb(195,  
159, 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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