

Converting Colors

$Y_{xy}(39.8598, 0.3259, 0.3002)$

Have a look what the booklet for
Yxy(39.8598, 0.3259, 0.3002)
contains.

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Color

Yxy(39.6430, 0.3255, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	C29FB6
RGB	194, 159, 182
RGB Percent	76%, 62%, 71%
CMY	0.2393, 0.3764, 0.2863
CMYK	0.00, 0.18, 0.06, 0.24
HSL	321°, 22%, 69%
HSV	321°, 18%, 76%
XYZ	43.0845, 39.6430, 49.6365
YIQ	172.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

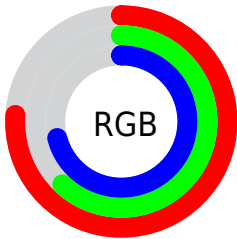
Format	Color
RYB	194, 159, 182
Decimal	12754870
CIELab	69.21, 16.78, -7.00
CIELCh	69, 18.187, 337.350
Yxy	39.6430, 0.3255, 0.2995
Android (android.graphics.Color)	4290944950 (0xFFC29FB6)
YUV	172.0870, 4.8871, 19.2177
Hunter-Lab	62.9627, 11.9603, -2.6672

Details

The Yxy color **39.6430, 0.3255, 0.2995** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8842, 0.3018, 0.3604**, and the grayscale version is **41.2708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7754, 0.3233, 0.3050**, and **17.6758, 0.3293, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **33.2197, 0.3344, 0.2824**, and if you desaturate by 10%, it is **47.1297, 0.3179, 0.3162**.

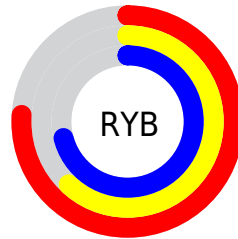
Distribution



Red (76%)

Green (62%)

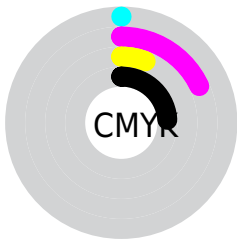
Blue (71%)



Red (76%)

Yellow (62%)

Blue (71%)

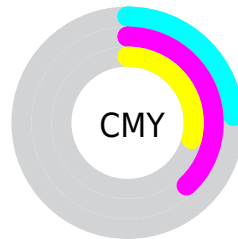


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6430, 0.3255, 0.2995 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 39.6430, 0.3255, 0.2995 by changing the saturation by 10% instead.


 39.6430, 0.3255,
0.2995


 39.6430, 0.3255,
0.2995


344.6166, 0.3191,
0.3143

 27.2603, 0.3271,
0.2958


 74.6196, 0.3232,
0.3049

 17.7688, 0.3292,
0.2910


 97.9823, 0.3223,
0.3069

 10.7841, 0.3319,
0.2846


125.7737, 0.3216,
0.3086

 5.9219, 0.3357,
0.2757

158.3784, 0.3209,
0.3101

 2.7976, 0.3415,
0.2623

196.1806, 0.3204,
0.3114

 1.0270, 0.3510,
0.2400

239.5647, 0.3199,


 0.0000, 0.4530,

0.3125


0.0000

288.9153, 0.3195,
0.3134

 0.0000, 0.0000,
0.0000

 39.6430, 0.3255,
0.2995


 39.6430, 0.3255,
0.2995


 33.2197, 0.3344,
0.2824


 47.1297, 0.3179,
0.3162


 27.8057, 0.3447,
0.2654


 55.7203, 0.3115,
0.3321


 23.3500, 0.3565,
0.2492

 65.4595, 0.3062,
0.3470

 19.7950, 0.3696,
0.2347

 76.3880, 0.3017,
0.3609

 17.0771, 0.3838,
0.2231

 87.9034, 0.2980,
0.3726

■ 15.1240, 0.3987,
0.2154

■ 88.2524, 0.2944,
0.3651

■ 13.8512, 0.4137,
0.2125

■ 88.6155, 0.2909,
0.3577

■ 13.1301, 0.4284,
0.2144

■ 88.9927, 0.2874,
0.3503

■ 13.0122, 0.4314,
0.2150

■ 89.3843, 0.2840,
0.3430

Harmonies

Analogous

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



39.6430, 0.2983, 0.2872



39.6430, 0.3255, 0.2995



39.6430, 0.3500, 0.3189

Triad

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



39.6430, 0.3255, 0.2995



39.6430, 0.3496, 0.3749



39.6430, 0.2637, 0.3129

Complementary

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



39.6430, 0.3255, 0.2995



48.8842, 0.3018, 0.3604

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.



39.6430, 0.2762, 0.3380



39.6430, 0.3255, 0.2995



39.6430, 0.3254, 0.3752

Square

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



39.6430, 0.3255, 0.2995



39.6430, 0.3641, 0.3620



39.6430, 0.2986, 0.3615



39.6430, 0.2636, 0.2938

Rectangle

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



39.6430, 0.3255, 0.2995



39.6430, 0.3611, 0.3339



39.6430, 0.2986, 0.3615



39.6430, 0.2665, 0.3209

Sweetspot

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



39.6447, 0.3255, 0.2995



89.7834, 0.3159, 0.3209



37.3161, 0.2936, 0.2819



19.4250, 0.3164, 0.3198



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.



39.6447, 0.3255, 0.2995



66.5793, 0.3292, 0.2921



38.9782, 0.3416, 0.3214



10.1870, 0.3189, 0.3140



8.5736, 0.4295, 0.2140



0.3830, 0.3995, 0.1974

Inverse Universe

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



39.6447, 0.3255, 0.2995



66.5793, 0.3292, 0.2921



49.5815, 0.2899, 0.3367



10.1870, 0.3189, 0.3140



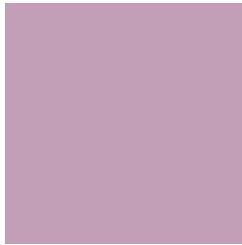
8.5736, 0.4295, 0.2140



0.3830, 0.3995, 0.1974

Previews

White Background



This preview shows how the Yxy color 39.6430, 0.3255, 0.2995 looks on a white background.

Color Contrast Check

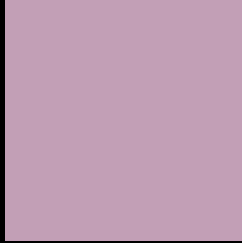
Large Text (above 18pt) WCAG AA × Fail

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 39.6430, 0.3255, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

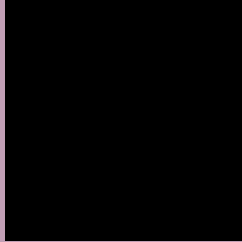
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6430, 0.3255, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 39.6430, 0.3255, 0.2995.



This preview shows how white text looks on a background with the Yxy color 39.6430, 0.3255, 0.2995.

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

39.6430, 0.3255, 0.2995

Protanopia

39.8516, 0.2954, 0.3017

Deuteranopia

39.5904, 0.3129, 0.3063



Tritanopia

39.8443, 0.3326, 0.3134

Trichromacy



Original Color

39.6430, 0.3255, 0.2995

Protanomaly

39.8025, 0.3058, 0.3009

Deuteranomaly

39.4911, 0.3176, 0.3040

Tritanomaly

39.6137, 0.3300, 0.3083

Monochromacy



Original Color

39.6430, 0.3255, 0.2995

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4753, 0.3170, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6430, 0.3255, 0.2995 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(194, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 182)  
}
```

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(194, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 182) }
```

Border

The CSS property to change the border of an element to Yxy 39.6430, 0.3255, 0.2995 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(194, 159, 182) }
```

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

```
.border{ border-color:rgb(194, 159, 182) }
```

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

Here you see how a box with a 4 pixel rgb(194, 159, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 182);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6430, 0.3255, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 182) }
```

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

```
.background{ background-color: rgb(194,  
159, 182) }
```

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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