

Converting Colors

Yxy(39.2688, 0.3294, 0.2841)

Have a look what the booklet for
Yxy(39.2688, 0.3294, 0.2841)
contains.

Yxy(39.2940, 0.3293, 0.2845)	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(39.2940, 0.3293, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	CC99BD
RGB	204, 153, 189
RGB Percent	80%, 60%, 74%
CMY	0.2000, 0.4000, 0.2588
CMYK	0.00, 0.25, 0.07, 0.20
HSL	318°, 33%, 70%
HSV	318°, 25%, 80%
XYZ	45.4816, 39.2940, 53.3404
YIQ	172.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

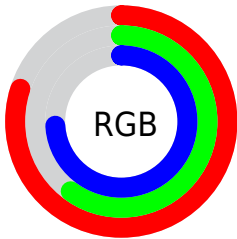
Format	Color
R_{YB}	204, 153, 189
Decimal	13408701
CIE _{Lab}	68.96, 24.86, -11.17
CIE _{LCh}	69, 27.256, 335.798
Yxy	39.2940, 0.3293, 0.2845
Android (android.graphics.Color)	4291598781 (0xFFCC99BD)
YUV	172.3530, 8.2070, 27.7544
Hunter-Lab	62.6849, 19.8136, -6.5721

Details

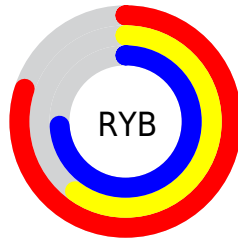
The Yxy color **39.2940, 0.3293, 0.2845** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7896, 0.2994, 0.3781**, and the grayscale version is **41.3950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9643, 0.3218, 0.2925**, and **17.4745, 0.3332, 0.2709** is the 20% darker color. If you saturate the color by 10%, you get **32.9237, 0.3379, 0.2662**, and if you desaturate by 10%, it is **46.8203, 0.3219, 0.3028**.

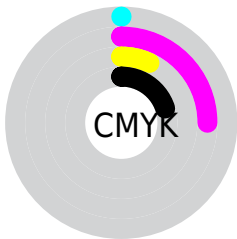
Distribution



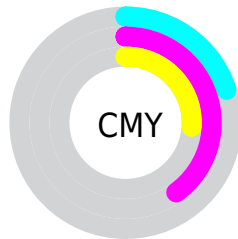
- Red (80%)
- Green (60%)
- Blue (74%)



- Red (80%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2940, 0.3293, 0.2845 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 39.2940, 0.3293, 0.2845 by changing the saturation by 10% instead.


 39.2940, 0.3293,
0.2845


 39.2940, 0.3293,
0.2845


343.1388, 0.3212,
0.3066

 26.9885, 0.3313,
0.2791


 74.0872, 0.3264,
0.2925

 17.5646, 0.3338,
0.2721


 97.3438, 0.3253,
0.2955

 10.6378, 0.3371,
0.2629


125.0195, 0.3243,
0.2980

 5.8239, 0.3416,
0.2503

157.4987, 0.3235,
0.3002

 2.7383, 0.3482,
0.2317

195.1658, 0.3228,
0.3021

 0.9967, 0.3583,
0.2021

238.4053, 0.3222,


 0.0000, 0.4314,


0.3038


0.0000


287.6015, 0.3216,
0.3053


 0.0000, 0.0000,
0.0000


 39.2940, 0.3293,
0.2845


 39.2940, 0.3293,
0.2845


 32.9237, 0.3379,
0.2662


 46.8203, 0.3219,
0.3028


 27.6459, 0.3476,
0.2486


 55.5513, 0.3155,
0.3205


 23.3991, 0.3584,
0.2325

 65.5395, 0.3101,
0.3373

 20.1134, 0.3701,
0.2191

 76.8325, 0.3056,
0.3531

 17.7103, 0.3824,
0.2094

 89.4732, 0.3018,
0.3677

■ 16.0988, 0.3949,
0.2042

■ 89.7947, 0.2986,
0.3611

■ 15.1679, 0.4070,
0.2039

■ 90.1278, 0.2953,
0.3545

■ 14.8538, 0.4131,
0.2049

■ 90.4725, 0.2921,
0.3480

■ 90.8289, 0.2889,
0.3415

Harmonies

Analogous

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



39.2940, 0.2888, 0.2674



39.2940, 0.3293, 0.2845



39.2940, 0.3673, 0.3119

Triad

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



39.2940, 0.3293, 0.2845



39.2940, 0.3690, 0.3971



39.2940, 0.2409, 0.3055

Complementary

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



39.2940, 0.3293, 0.2845



52.7896, 0.2994, 0.3781

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.



39.2940, 0.2597, 0.3441



39.2940, 0.3293, 0.2845



39.2940, 0.3329, 0.4003

Square

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



39.2940, 0.3293, 0.2845



39.2940, 0.3905, 0.3755



39.2940, 0.2929, 0.3805



39.2940, 0.2400, 0.2771

Rectangle

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



39.2940, 0.3293, 0.2845



39.2940, 0.3849, 0.3334



39.2940, 0.2929, 0.3805



39.2940, 0.2453, 0.3177

Sweetspot

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



39.2958, 0.3293, 0.2845



87.2877, 0.3174, 0.3150



35.4071, 0.2825, 0.2610



18.2040, 0.3183, 0.3124



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.



39.2958, 0.3293, 0.2845



59.1556, 0.3338, 0.2746



38.3031, 0.3537, 0.3151



11.3454, 0.3182, 0.3128



9.3651, 0.4114, 0.2040



0.4960, 0.3897, 0.1921

Inverse Universe

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



39.2958, 0.3293, 0.2845



59.1556, 0.3338, 0.2746



53.8111, 0.2832, 0.3435



11.3454, 0.3182, 0.3128



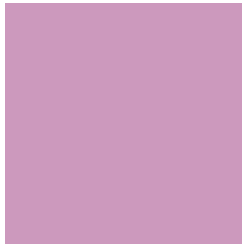
9.3651, 0.4114, 0.2040



0.4960, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 39.2940, 0.3293, 0.2845 looks on a white background.

Color Contrast Check

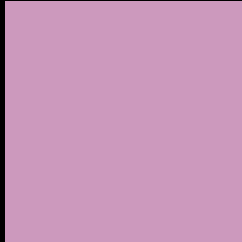
Large Text (above 18pt) WCAG AA × Fail

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 39.2940, 0.3293, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

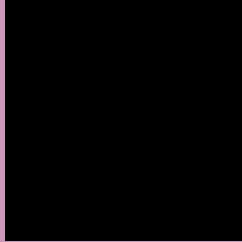
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2940, 0.3293, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 39.2940, 0.3293, 0.2845.



This preview shows how white text looks on a background with the Yxy color 39.2940, 0.3293, 0.2845.

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

39.2940, 0.3293, 0.2845

Protanopia

39.5012, 0.2843, 0.2871

Deuteranopia

39.3689, 0.3041, 0.2982



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.2940, 0.3293, 0.2845

Protanomaly

39.2458, 0.2993, 0.2856

Deuteranomaly

39.2116, 0.3126, 0.2925

Tritanomaly

39.4681, 0.3393, 0.3038

Monochromacy



Original Color

39.2940, 0.3293, 0.2845

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3150, 0.3191, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2940, 0.3293, 0.2845 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(204, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 189)  
}
```

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(204, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.2940, 0.3293, 0.2845 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(204, 153, 189) }
```

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

```
.border{ border-color:rgb(204, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 153, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 153, 189); box-shadow:4px 4px 4px 4px rgb(204, 153, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2940, 0.3293, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 189) }
```

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

```
.background{ background-color: rgb(204,  
153, 189) }
```

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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