

Converting Colors

$Yxy(39.8507, 0.3204, 0.2755)$

Have a look what the booklet for
Yxy(39.8507, 0.3204, 0.2755)
contains.

Yxy(39.8849, 0.3200, 0.2752)	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(39.8849, 0.3200, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	CB9AC6
RGB	203, 154, 198
RGB Percent	80%, 60%, 78%
CMY	0.2039, 0.3961, 0.2236
CMYK	0.00, 0.24, 0.02, 0.20
HSL	306°, 32%, 70%
HSV	306°, 24%, 80%
XYZ	46.3778, 39.8849, 58.6679
YIQ	173.6670, 15.0800, 24.0720

Conversions

Conversions Part 2

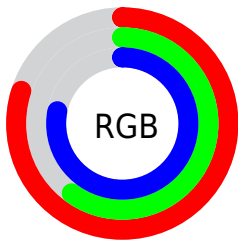
Format	Color
R _Y B	203, 154, 198
Decimal	13343430
CIE Lab	69.39, 25.59, -15.53
CIE LCh	69, 29.928, 328.749
Yxy	39.8849, 0.3200, 0.2752
Android (android.graphics.Color)	4291533510 (0xFFCB9AC6)
YUV	173.6670, 11.9962, 25.7250
Hunter-Lab	63.1545, 20.5619, -10.8698

Details

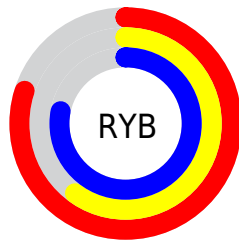
The Yxy color $39.8849, 0.3200, 0.2752$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.0928, 0.3061, 0.3895$, and the grayscale version is $42.0804, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0809, 0.3148, 0.2841$, and $17.8123, 0.3213, 0.2601$ is the 20% darker color. If you saturate the color by 10%, you get $33.6468, 0.3236, 0.2528$, and if you desaturate by 10%, it is $47.2611, 0.3167, 0.2978$.

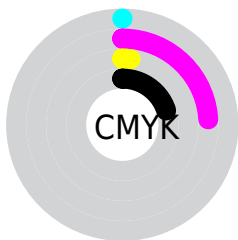
Distribution



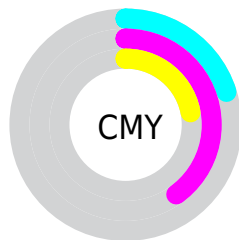
- Red (80%)
- Green (60%)
- Blue (78%)



- Red (80%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8849, 0.3200, 0.2752 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 39.8849, 0.3200, 0.2752 by changing the saturation by 10% instead.


 39.8849, 0.3200,
0.2752


 39.8849, 0.3200,
0.2752


345.6382, 0.3168,
0.3016

 27.4488, 0.3207,
0.2688


 74.9882, 0.3189,
0.2847

 17.9106, 0.3215,
0.2606


 98.4242, 0.3185,
0.2883

 10.8858, 0.3224,
0.2499


126.2957, 0.3181,
0.2913

 5.9901, 0.3235,
0.2354

158.9869, 0.3178,
0.2940

 2.8391, 0.3246,
0.2145

196.8824, 0.3175,
0.2962

 1.0483, 0.3250,
0.1821

240.3666, 0.3172,


 0.0000, 0.3562,


0.2982


0.0000


289.8237, 0.3170,
0.3000


 0.0000, 0.0000,
0.0000


 39.8849, 0.3200,
0.2752


 39.8849, 0.3200,
0.2752


 33.6468, 0.3236,
0.2528


 47.2611, 0.3167,
0.2978


 28.4846, 0.3274,
0.2314


 55.8232, 0.3138,
0.3200

 24.3380, 0.3314,
0.2120

 65.6224, 0.3112,
0.3413

 21.1389, 0.3355,
0.1956

 76.7058, 0.3090,
0.3614

 18.8106, 0.3395,
0.1829

 88.7924, 0.3071,
0.3796

■ 17.2647, 0.3433,
0.1745

■ 88.8959, 0.3059,
0.3773

■ 16.3938, 0.3468,
0.1705

■ 89.0008, 0.3048,
0.3749

■ 16.0827, 0.3488,
0.1695

■ 89.1071, 0.3036,
0.3726

■ 89.2148, 0.3025,
0.3703

Harmonies

Analogous

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



39.8849, 0.2772, 0.2599



39.8849, 0.3200, 0.2752



39.8849, 0.3636, 0.3026

Triad

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



39.8849, 0.3200, 0.2752



39.8849, 0.3813, 0.3990



39.8849, 0.2378, 0.3123

Complementary

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



39.8849, 0.3200, 0.2752



52.0928, 0.3061, 0.3895

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.



39.8849, 0.2621, 0.3557



39.8849, 0.3200, 0.2752



39.8849, 0.3445, 0.4086

Square

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



39.8849, 0.3200, 0.2752



39.8849, 0.4000, 0.3717



39.8849, 0.3009, 0.3929



39.8849, 0.2322, 0.2781

Rectangle

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



39.8849, 0.3200, 0.2752



39.8849, 0.3860, 0.3251



39.8849, 0.3009, 0.3929



39.8849, 0.2439, 0.3264

Sweetspot

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



39.8867, 0.3200, 0.2752



89.0178, 0.3146, 0.3136



34.7854, 0.2759, 0.2621



18.8612, 0.3148, 0.3122



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.



39.8867, 0.3200, 0.2752



61.0686, 0.3218, 0.2634



38.8510, 0.3430, 0.3043



11.3831, 0.3153, 0.3085



10.2413, 0.3483, 0.1693



0.5342, 0.3423, 0.1659

Inverse Universe

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



39.8867, 0.3200, 0.2752



61.0686, 0.3218, 0.2634



53.0244, 0.2899, 0.3552



11.3831, 0.3153, 0.3085



10.2413, 0.3483, 0.1693



0.5342, 0.3423, 0.1659

Previews

White Background



This preview shows how the Yxy color 39.8849, 0.3200, 0.2752 looks on a white background.

Color Contrast Check

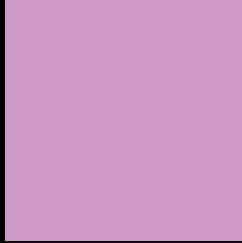
Large Text (above 18pt) WCAG AA × Fail

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 39.8849, 0.3200, 0.2752 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 39.8849, 0.3200, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 39.8849, 0.3200, 0.2752.



This preview shows how white text looks on a background with the Yxy color 39.8849, 0.3200, 0.2752.

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

39.8849, 0.3200, 0.2752

Protanopia

40.1364, 0.2754, 0.2758

Deuteranopia

39.8945, 0.2950, 0.2880



Tritanopia

39.8787, 0.3406, 0.3137

Trichromacy



Original Color

39.8849, 0.3200, 0.2752

Protanomaly

39.7841, 0.2904, 0.2757

Deuteranomaly

39.8352, 0.3039, 0.2827

Tritanomaly

39.7295, 0.3325, 0.2987

Monochromacy



Original Color

39.8849, 0.3200, 0.2752

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.3706, 0.3155, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8849, 0.3200, 0.2752 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(203, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 198)  
}
```

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(203, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.8849, 0.3200, 0.2752 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(203, 154, 198) }
```

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

```
.border{ border-color:rgb(203, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8849, 0.3200, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 198) }
```

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

```
.background{ background-color: rgb(203,  
154, 198) }
```

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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