

Converting Colors

$Yxy(39.0533, 0.3120, 0.2613)$

Have a look what the booklet for
Yxy(39.0533, 0.3120, 0.2613)
contains.

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Color

Yxy(38.8255, 0.3121, 0.2612)

Conversions

Conversions Part 1

Format	Color
Hex	CA96CE
RGB	202, 150, 206
RGB Percent	79%, 59%, 81%
CMY	0.2080, 0.4116, 0.1922
CMYK	0.02, 0.27, 0.00, 0.19
HSL	296°, 36%, 70%
HSV	296°, 27%, 81%
XYZ	46.3914, 38.8255, 63.4259
YIQ	171.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

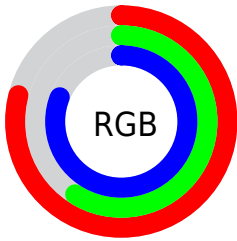
Format	Color
R_{YB}	202, 150, 206
Decimal	13276878
CIE _{Lab}	68.62, 28.91, -21.13
CIE _{LCh}	69, 35.809, 323.843
Yxy	38.8255, 0.3121, 0.2612
Android (android.graphics.Color)	4291466958 (0xFFCA96CE)
YUV	171.9320, 16.7955, 26.3696
Hunter-Lab	62.3101, 23.8550, -16.7346

Details

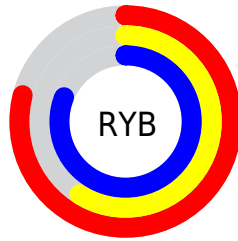
The Yxy color **38.8255, 0.3121, 0.2612** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.2098, 0.3121, 0.4059**, and the grayscale version is **41.1270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1426, 0.3150, 0.2801**, and **17.2054, 0.3102, 0.2419** is the 20% darker color. If you saturate the color by 10%, you get **32.6138, 0.3115, 0.2363**, and if you desaturate by 10%, it is **46.1980, 0.3125, 0.2866**.

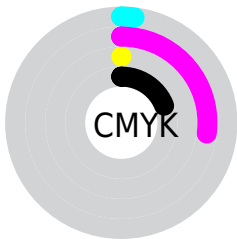
Distribution



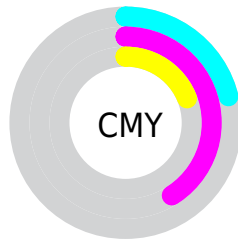
- Red (79%)
- Green (59%)
- Blue (81%)



- Red (79%)
- Yellow (59%)
- Blue (81%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8255, 0.3121, 0.2612 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 38.8255, 0.3121, 0.2612 by changing the saturation by 10% instead.


 38.8255, 0.3121,
0.2612

 38.8255, 0.3121,
0.2612


341.1480, 0.3131,
0.2942

 26.6240, 0.3116,
0.2533


 73.3717, 0.3126,
0.2730

 17.2910, 0.3109,
0.2432


 96.4851, 0.3128,
0.2775

 10.4422, 0.3097,
0.2302


124.0047, 0.3129,
0.2813

 5.6931, 0.3077,
0.2127

156.3148, 0.3130,
0.2846

 2.6594, 0.3040,
0.1880

193.7997, 0.3130,
0.2875

 0.9566, 0.2960,
0.1512

236.8440, 0.3131,

 0.0000, 0.2929,

0.2900

0.0000

285.8320, 0.3131,
0.2922

0.0000, 0.0000,
0.0000

38.8255, 0.3121,
0.2612

38.8255, 0.3121,
0.2612

32.6138, 0.3115,
0.2363

46.1980, 0.3125,
0.2866

27.4974, 0.3107,
0.2128

54.7823, 0.3127,
0.3116

23.4120, 0.3096,
0.1917

64.6326, 0.3127,
0.3357

20.2845, 0.3083,
0.1739

75.7981, 0.3126,
0.3585

18.0323, 0.3067,
0.1601

88.3257, 0.3124,
0.3798

■ 16.5587, 0.3051,
0.1507

■ 89.8009, 0.3132,
0.3816

■ 15.7330, 0.3033,
0.1453

■ 90.0207, 0.3142,
0.3814

■ 15.5514, 0.3028,
0.1442

■ 90.2424, 0.3151,
0.3813

■ 90.4662, 0.3160,
0.3811

Harmonies

Analogous

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



38.8255, 0.2626, 0.2459



38.8255, 0.3121, 0.2612



38.8255, 0.3660, 0.2912

Triad

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



38.8255, 0.3121, 0.2612



38.8255, 0.4001, 0.4080



38.8255, 0.2266, 0.3162

Complementary

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



38.8255, 0.3121, 0.2612



53.2098, 0.3121, 0.4059

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.



38.8255, 0.2583, 0.3699



38.8255, 0.3121, 0.2612



38.8255, 0.3583, 0.4256

Square

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



38.8255, 0.3121, 0.2612



38.8255, 0.4189, 0.3722



38.8255, 0.3062, 0.4127



38.8255, 0.2167, 0.2727

Rectangle

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



38.8255, 0.3121, 0.2612



38.8255, 0.3956, 0.3168



38.8255, 0.3062, 0.4127



38.8255, 0.2349, 0.3338

Sweetspot

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



38.8272, 0.3121, 0.2612



87.3905, 0.3127, 0.3093



34.2826, 0.2665, 0.2581



18.2299, 0.3126, 0.3055



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.



38.8272, 0.3121, 0.2612



56.4187, 0.3118, 0.2455



38.3459, 0.3377, 0.2886



11.3611, 0.3126, 0.3061



9.5966, 0.3031, 0.1443



0.5076, 0.3068, 0.1464

Inverse Universe

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



37.2759, 0.3668, 0.3240



53.4997, 0.3844, 0.3228



53.6485, 0.2938, 0.3733



11.2265, 0.3279, 0.3274



8.1064, 0.6314, 0.3252



0.4229, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 38.8255, 0.3121, 0.2612 looks on a white background.

Color Contrast Check

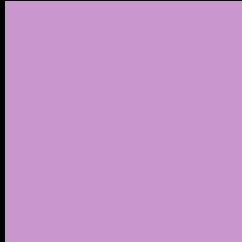
Large Text (above 18pt) WCAG AA × Fail

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 38.8255, 0.3121, 0.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

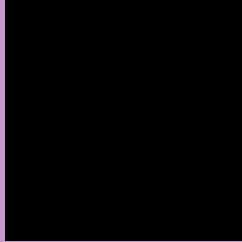
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8255, 0.3121, 0.2612

Background



This preview shows how black text looks on a background with the Yxy color 38.8255, 0.3121, 0.2612.



This preview shows how white text looks on a background with the Yxy color 38.8255, 0.3121, 0.2612.

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

38.8255, 0.3121, 0.2612

Protanopia

39.1522, 0.2637, 0.2614

Deuteranopia

38.9697, 0.2828, 0.2770



Tritanopia

38.8488, 0.3410, 0.3135

Trichromacy



Original Color

38.8255, 0.3121, 0.2612

Protanomaly

38.6036, 0.2792, 0.2605

Deuteranomaly

38.7396, 0.2929, 0.2709

Tritanomaly

38.6307, 0.3309, 0.2935

Monochromacy



Original Color

38.8255, 0.3121, 0.2612

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0789, 0.3130, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8255, 0.3121, 0.2612 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(202, 150, 206)` looks like.

```
.text, #text, p{  
    color:rgb(202, 150, 206)  
}
```

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(202, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 150, 206) }
```

Border

The CSS property to change the border of an element to Yxy 38.8255, 0.3121, 0.2612 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(202, 150, 206) }
```

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

```
.border{ border-color:rgb(202, 150, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 150, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(202, 150,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8255, 0.3121, 0.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 150, 206) }
```

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

```
.background{ background-color: rgb(202,  
150, 206) }
```

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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