

Converting Colors

$Yxy(41.0881, 0.3106, 0.2906)$

Have a look what the booklet for
Yxy(41.0881, 0.3106, 0.2906)
contains.

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Color

Yxy(40.9082, 0.3100, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	BDA3C2
RGB	189, 163, 194
RGB Percent	74%, 64%, 76%
CMY	0.2588, 0.3608, 0.2392
CMYK	0.03, 0.16, 0.00, 0.24
HSL	290°, 20%, 70%
HSV	290°, 16%, 76%
XYZ	43.8201, 40.9082, 56.6269
YIQ	174.3080, 5.5450, 15.1530

Conversions

Conversions Part 2

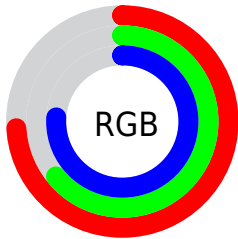
Format	Color
RYB	189, 163, 194
Decimal	12428226
CIELab	70.11, 15.09, -12.37
CIELCh	70, 19.512, 320.663
Yxy	40.9082, 0.3100, 0.2894
Android (android.graphics.Color)	4290618306 (0xFFBDA3C2)
YUV	174.3080, 9.7082, 12.8849
Hunter-Lab	63.9595, 10.3652, -7.7211

Details

The Yxy color **40.9082, 0.3100, 0.2894** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.5561, 0.3148, 0.3709**, and the grayscale version is **42.4417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5203, 0.3101, 0.2960**, and **18.4132, 0.3087, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **34.1441, 0.3078, 0.2636**, and if you desaturate by 10%, it is **48.7413, 0.3118, 0.3145**.

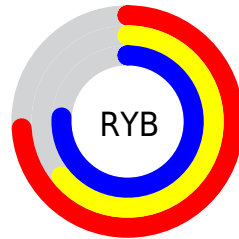
Distribution



Red (74%)

Green (64%)

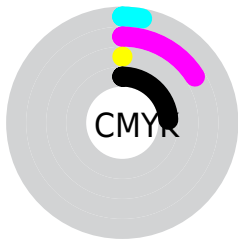
Blue (76%)



Red (74%)

Yellow (64%)

Blue (76%)

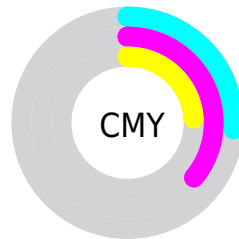


Cyan (3%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9082, 0.3100, 0.2894 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 40.9082, 0.3100, 0.2894 by changing the saturation by 10% instead.


 40.9082, 0.3100,
0.2894

 40.9082, 0.3100,
0.2894


349.9368, 0.3116,
0.3091

 28.2474, 0.3095,
0.2845


 76.5445, 0.3106,
0.2965

 18.5122, 0.3089,
0.2783


 100.2888, 0.3109,
0.2992

 11.3183, 0.3079,
0.2701


128.4963, 0.3111,
0.3015

 6.2814, 0.3064,
0.2588

161.5515, 0.3112,
0.3034

 3.0169, 0.3038,
0.2421

199.8388, 0.3113,
0.3051

 1.1406, 0.2987,
0.2154

243.7425, 0.3114,

 0.0124, 0.2992,

0.3066

0.0097

293.6470, 0.3115,
0.3079

0.0000, 0.0000,
0.0000

40.9082, 0.3100,
0.2894

40.9082, 0.3100,
0.2894

34.1441, 0.3078,
0.2636

48.7413, 0.3118,
0.3145

28.3958, 0.3051,
0.2378

57.6830, 0.3132,
0.3385

23.6130, 0.3019,
0.2128

67.7776, 0.3143,
0.3608

19.7396, 0.2984,
0.1898

79.0653, 0.3151,
0.3815

16.7132, 0.2945,
0.1698

88.3472, 0.3161,
0.3956

■ 14.4637, 0.2904,
0.1535

■ 88.7965, 0.3181,
0.3952

■ 12.9097, 0.2861,
0.1416

■ 89.2548, 0.3200,
0.3948

■ 11.9484, 0.2819,
0.1341

■ 89.7222, 0.3220,
0.3944

■ 11.6456, 0.2802,
0.1317

■ 90.1986, 0.3240,
0.3940

Harmonies

Analogous

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



40.9082, 0.2832, 0.2820



40.9082, 0.3100, 0.2894



40.9082, 0.3387, 0.3062

Triad

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



40.9082, 0.3100, 0.2894



40.9082, 0.3621, 0.3714



40.9082, 0.2666, 0.3263

Complementary

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



40.9082, 0.3100, 0.2894



49.5561, 0.3148, 0.3709

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.



40.9082, 0.2862, 0.3533



40.9082, 0.3100, 0.2894



40.9082, 0.3413, 0.3798

Square

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



40.9082, 0.3100, 0.2894



40.9082, 0.3695, 0.3523



40.9082, 0.3134, 0.3734



40.9082, 0.2591, 0.3017

Rectangle

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



40.9082, 0.3100, 0.2894



40.9082, 0.3547, 0.3208



40.9082, 0.3134, 0.3734



40.9082, 0.2719, 0.3355

Sweetspot

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



40.9100, 0.3100, 0.2894



89.6754, 0.3120, 0.3167



39.7513, 0.2874, 0.2938



19.3980, 0.3118, 0.3150



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.



40.9100, 0.3100, 0.2894



69.8318, 0.3093, 0.2809



41.1133, 0.3236, 0.3026



10.1625, 0.3112, 0.3061



7.6864, 0.2808, 0.1320



0.3546, 0.2903, 0.1373

Inverse Universe

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



40.4941, 0.3379, 0.3225



68.9613, 0.3443, 0.3211



49.4026, 0.3033, 0.3569



10.1038, 0.3264, 0.3253



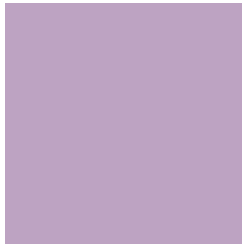
7.6151, 0.6149, 0.3161



0.3376, 0.5590, 0.2853

Previews

White Background



This preview shows how the Yxy color 40.9082, 0.3100, 0.2894 looks on a white background.

Color Contrast Check

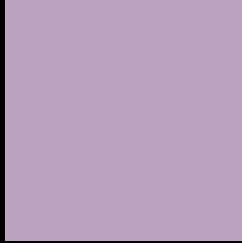
Large Text (above 18pt) WCAG AA × Fail

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 40.9082, 0.3100, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

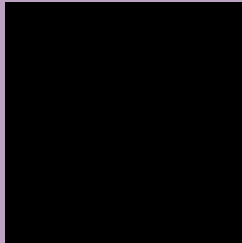
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9082, 0.3100, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 40.9082, 0.3100, 0.2894.



This preview shows how white text looks on a background with the Yxy color 40.9082, 0.3100, 0.2894.

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

40.9082, 0.3100, 0.2894

Protanopia

40.9800, 0.2862, 0.2902

Deuteranopia

40.9527, 0.3009, 0.2948



Tritanopia

41.0919, 0.3209, 0.3120

Trichromacy



Original Color

40.9082, 0.3100, 0.2894

Protanomaly

40.6673, 0.2943, 0.2894

Deuteranomaly

41.0678, 0.3045, 0.2939

Tritanomaly

41.0623, 0.3176, 0.3043

Monochromacy



Original Color

40.9082, 0.3100, 0.2894

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6694, 0.3116, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9082, 0.3100, 0.2894 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(189, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 163, 194)  
}
```

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(189, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 40.9082, 0.3100, 0.2894 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(189, 163, 194) }
```

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

```
.border{ border-color:rgb(189, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 163,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9082, 0.3100, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 163, 194) }
```

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

```
.background{ background-color: rgb(189,  
163, 194) }
```

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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