

Converting Colors

$Y_{xy}(40.4271, 0.3091, 0.2880)$

Have a look what the booklet for
Yxy(40.4271, 0.3091, 0.2880)
contains.

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Color

Yxy(40.4271, 0.3091, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	BCA2C2
RGB	188, 162, 194
RGB Percent	74%, 64%, 76%
CMY	0.2629, 0.3646, 0.2392
CMYK	0.03, 0.16, 0.00, 0.24
HSL	289°, 21%, 70%
HSV	289°, 16%, 76%
XYZ	43.3889, 40.4271, 56.5558
YIQ	173.4220, 5.2240, 15.4640

Conversions

Conversions Part 2

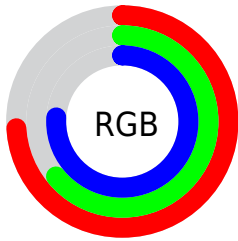
Format	Color
R _Y B	188, 162, 194
Decimal	12362434
CIE Lab	69.77, 15.28, -12.89
CIE LCh	70, 19.988, 319.862
Yxy	40.4271, 0.3091, 0.2880
Android (android.graphics.Color)	4290552514 (0xFFBCA2C2)
YUV	173.4220, 10.1450, 12.7849
Hunter-Lab	63.5823, 10.5404, -8.2302

Details

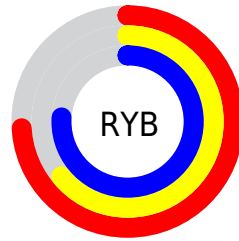
The Yxy color $40.4271, 0.3091, 0.2880$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.5258, 0.3155, 0.3723$, and the grayscale version is $41.9599, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8238, 0.3094, 0.2950$, and $18.1962, 0.3088, 0.2767$ is the 20% darker color. If you saturate the color by 10%, you get $33.6524, 0.3063, 0.2620$, and if you desaturate by 10%, it is $48.2716, 0.3114, 0.3133$.

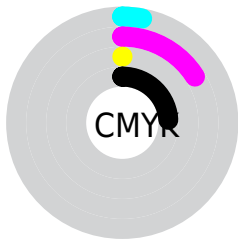
Distribution



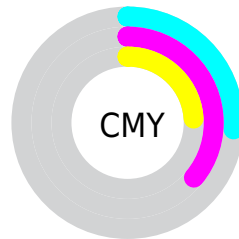
- Red (74%)
- Green (64%)
- Blue (76%)



- 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 40.4271, 0.3091, 0.2880 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 40.4271, 0.3091, 0.2880 by changing the saturation by 10% instead.


 40.4271, 0.3091,
0.2880


 40.4271, 0.3091,
0.2880


347.9205, 0.3112,
0.3084

 27.8717, 0.3085,
0.2830


 75.8134, 0.3099,
0.2954

 18.2290, 0.3077,
0.2765

 99.4132, 0.3102,
0.2981

 11.1145, 0.3065,
0.2680


127.4632, 0.3105,
0.3005

 6.1439, 0.3046,
0.2562

160.3478, 0.3107,
0.3025

 2.9328, 0.3015,
0.2389

198.4514, 0.3108,
0.3043

 1.0967, 0.2954,
0.2111

242.1585, 0.3110,


 0.0000, 0.2856,


0.3058

0.0000


291.8534, 0.3111,
0.3072

 0.0000, 0.0000,
0.0000

 40.4271, 0.3091,
0.2880


 40.4271, 0.3091,
0.2880


 33.6524, 0.3063,
0.2620


 48.2716, 0.3114,
0.3133


 27.8939, 0.3029,
0.2359


 57.2257, 0.3133,
0.3373


 23.1015, 0.2990,
0.2107

 67.3339, 0.3148,
0.3597

 19.2184, 0.2947,
0.1873

 78.6363, 0.3159,
0.3804

 16.1820, 0.2900,
0.1668

 88.5787, 0.3171,
0.3954

■ 13.9217, 0.2851,
0.1502

■ 89.1106, 0.3194,
0.3950

■ 12.3553, 0.2800,
0.1380

■ 89.6549, 0.3217,
0.3945

■ 11.3755, 0.2751,
0.1302

■ 90.2116, 0.3241,
0.3940

■ 11.0968, 0.2733,
0.1279

■ 90.7808, 0.3264,
0.3935

Harmonies

Analogous

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



40.4271, 0.2817, 0.2807



40.4271, 0.3091, 0.2880



40.4271, 0.3387, 0.3050

Triad

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



40.4271, 0.3091, 0.2880



40.4271, 0.3639, 0.3721



40.4271, 0.2657, 0.3270

Complementary

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



40.4271, 0.3091, 0.2880



49.5258, 0.3155, 0.3723

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.



40.4271, 0.2861, 0.3547



40.4271, 0.3091, 0.2880



40.4271, 0.3427, 0.3812

Square

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



40.4271, 0.3091, 0.2880



40.4271, 0.3711, 0.3523



40.4271, 0.3141, 0.3751



40.4271, 0.2576, 0.3015

Rectangle

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



40.4271, 0.3091, 0.2880



40.4271, 0.3553, 0.3199



40.4271, 0.3141, 0.3751



40.4271, 0.2713, 0.3364

Sweetspot

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



40.4288, 0.3091, 0.2880



89.6114, 0.3117, 0.3167



39.7380, 0.2866, 0.2941



19.3820, 0.3116, 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.



40.4288, 0.3091, 0.2880



68.3172, 0.3081, 0.2781



40.7952, 0.3230, 0.3004



10.1482, 0.3108, 0.3061



7.3293, 0.2740, 0.1283



0.3421, 0.2851, 0.1344

Inverse Universe

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



40.1470, 0.3380, 0.3212



67.7303, 0.3452, 0.3193



49.2317, 0.3037, 0.3594



10.1083, 0.3260, 0.3247



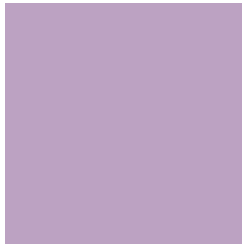
7.6364, 0.6081, 0.3124



0.3395, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 40.4271, 0.3091, 0.2880 looks on a white background.

Color Contrast Check

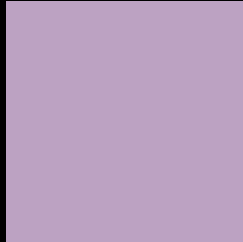
Large Text (above 18pt) WCAG AA × Fail

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 40.4271, 0.3091, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

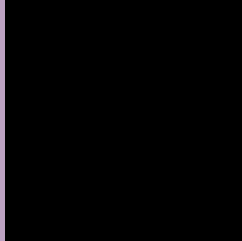
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4271, 0.3091, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 40.4271, 0.3091, 0.2880.



This preview shows how white text looks on a background with the Yxy color 40.4271, 0.3091, 0.2880.

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

40.4271, 0.3091, 0.2880

Protanopia

40.4988, 0.2853, 0.2888

Deuteranopia

40.4698, 0.3001, 0.2934



Tritanopia

40.5637, 0.3210, 0.3119

Trichromacy



Original Color

40.4271, 0.3091, 0.2880

Protanomaly

40.1879, 0.2934, 0.2880

Deuteranomaly

40.5843, 0.3036, 0.2924

Tritanomaly

40.5764, 0.3167, 0.3029

Monochromacy



Original Color

40.4271, 0.3091, 0.2880

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1771, 0.3108, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4271, 0.3091, 0.2880 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(188, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 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(188, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 194) }
```

Border

The CSS property to change the border of an element to Yxy 40.4271, 0.3091, 0.2880 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(188, 162, 194) }
```

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

```
.border{ border-color:rgb(188, 162, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4271, 0.3091, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 194) }
```

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

```
.background{ background-color: rgb(188,  
162, 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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