

Converting Colors

$Y_{xy}(41.1506, 0.2868, 0.2623)$

Have a look what the booklet for
Yxy(41.1506, 0.2868, 0.2623)
contains.

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Color

Yxy(41.2195, 0.2871, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	B7A3D8
RGB	183, 163, 216
RGB Percent	72%, 64%, 85%
CMY	0.2825, 0.3607, 0.1529
CMYK	0.15, 0.25, 0.00, 0.15
HSL	263°, 40%, 74%
HSV	263°, 25%, 85%
XYZ	45.0138, 41.2195, 70.5545
YIQ	175.0220, -5.0930, 20.7230

Conversions

Conversions Part 2

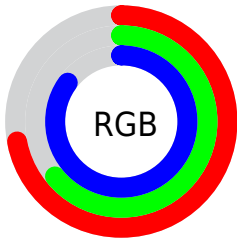
Format	Color
RYB	183, 163, 216
Decimal	12035032
CIELab	70.33, 17.63, -24.22
CIELCh	70, 29.960, 306.043
Yxy	41.2195, 0.2871, 0.2629
Android (android.graphics.Color)	4290225112 (0xFFB7A3D8)
YUV	175.0220, 20.2022, 6.9967
Hunter-Lab	64.2024, 12.7962, -20.2144

Details

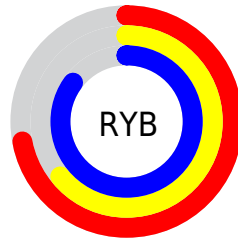
The Yxy color **41.2195, 0.2871, 0.2629** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.5055, 0.3340, 0.3931**, and the grayscale version is **42.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7135, 0.3033, 0.2918**, and **18.6092, 0.2787, 0.2449** is the 20% darker color. If you saturate the color by 10%, you get **32.6203, 0.2740, 0.2325**, and if you desaturate by 10%, it is **51.2903, 0.2986, 0.2915**.

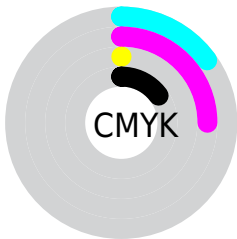
Distribution



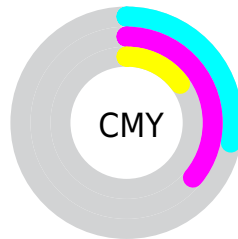
- Red (72%)
- Green (64%)
- Blue (85%)



- Red (72%)
- Yellow (64%)
- Blue (85%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)





- Cyan (28%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2195, 0.2871, 0.2629 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 41.2195, 0.2871, 0.2629 by changing the saturation by 10% instead.


 41.2195, 0.2871,
0.2629

 41.2195, 0.2871,
0.2629


351.2372, 0.3005,
0.2951

 28.4906, 0.2836,
0.2552


 77.0170, 0.2921,
0.2744

 18.6958, 0.2791,
0.2454


 100.8544, 0.2939,
0.2788

 11.4507, 0.2730,
0.2327


129.1635, 0.2954,
0.2825

 6.3708, 0.2643,
0.2157

162.3286, 0.2967,
0.2857

 3.0719, 0.2511,
0.1918

200.7341, 0.2979,
0.2885

 1.1694, 0.2293,
0.1564

244.7644, 0.2988,

 0.0365, 0.1892,

0.2910

0.0148

294.8040, 0.2997,
0.2932

0.0000, 0.0000,
0.0000

41.2195, 0.2871,
0.2629

41.2195, 0.2871,
0.2629

32.6203, 0.2740,
0.2325

51.2903, 0.2986,
0.2915

25.4166, 0.2596,
0.2011

62.8937, 0.3087,
0.3179

19.5332, 0.2441,
0.1701

76.0934, 0.3172,
0.3417

14.8852, 0.2282,
0.1410

90.9478, 0.3245,
0.3631

11.3779, 0.2126,
0.1157

96.8609, 0.3327,
0.3675

■ 8.9016, 0.1982,
0.0956

■ 97.7383, 0.3357,
0.3671

■ 7.3239, 0.1857,
0.0819

■ 6.7208, 0.1798,
0.0764

Harmonies

Analogous

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



41.2195, 0.2527, 0.2593



41.2195, 0.2871, 0.2629



41.2195, 0.3309, 0.2813

Triad

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



41.2195, 0.2871, 0.2629



41.2195, 0.3967, 0.3790



41.2195, 0.2552, 0.3449

Complementary

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



41.2195, 0.2871, 0.2629



63.5055, 0.3340, 0.3931

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.



41.2195, 0.2908, 0.3848



41.2195, 0.2871, 0.2629



41.2195, 0.3730, 0.4026

Square

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



41.2195, 0.2871, 0.2629



41.2195, 0.3968, 0.3455



41.2195, 0.3339, 0.4064



41.2195, 0.2354, 0.3030

Rectangle

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



41.2195, 0.2871, 0.2629



41.2195, 0.3595, 0.3000



41.2195, 0.3339, 0.4064



41.2195, 0.2656, 0.3593

Sweetspot

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



41.2212, 0.2871, 0.2629



87.0848, 0.3063, 0.3114



52.4879, 0.2747, 0.3043



18.4130, 0.3057, 0.3099



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.



41.2212, 0.2871, 0.2629



53.8261, 0.2811, 0.2487



44.7057, 0.3094, 0.2671



12.2341, 0.3040, 0.3053



4.0347, 0.1813, 0.0772



0.2900, 0.2010, 0.0881

Inverse Universe

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



44.7891, 0.3329, 0.2901



59.8834, 0.3378, 0.2823



60.3163, 0.3145, 0.3972



12.5498, 0.3195, 0.3146



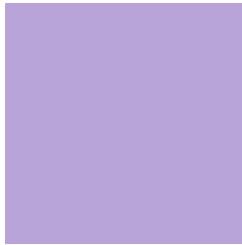
9.6932, 0.4436, 0.2217



0.6005, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 41.2195, 0.2871, 0.2629 looks on a white background.

Color Contrast Check

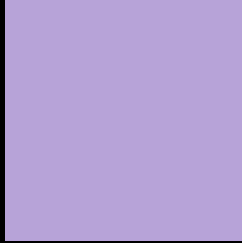
Large Text (above 18pt) WCAG AA × Fail

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 41.2195, 0.2871, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

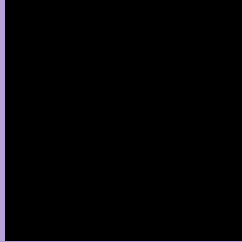
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2195, 0.2871, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 41.2195, 0.2871, 0.2629.



This preview shows how white text looks on a background with the Yxy color 41.2195, 0.2871, 0.2629.

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

41.2195, 0.2871, 0.2629

Protanopia

41.3408, 0.2653, 0.2629

Deuteranopia

41.4977, 0.2753, 0.2695



Tritanopia

41.1419, 0.3082, 0.3103

Trichromacy



Original Color

41.2195, 0.2871, 0.2629

Protanomaly

41.0767, 0.2731, 0.2624

Deuteranomaly

41.4280, 0.2799, 0.2677

Tritanomaly

41.1613, 0.3002, 0.2924

Monochromacy



Original Color

41.2195, 0.2871, 0.2629

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3085, 0.3033, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2195, 0.2871, 0.2629 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(183, 163, 216)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 216)  
}
```

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(183, 163, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 216) }
```

Border

The CSS property to change the border of an element to Yxy 41.2195, 0.2871, 0.2629 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(183, 163, 216) }
```

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

```
.border{ border-color:rgb(183, 163, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 163, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 216);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2195, 0.2871, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 216) }
```

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

```
.background{ background-color: rgb(183,  
163, 216) }
```

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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