

Converting Colors

$Y_{xy}(41.5596, 0.2922, 0.2817)$

Have a look what the booklet for
Yxy(41.5596, 0.2922, 0.2817)
contains.

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Color

Yxy(41.4620, 0.2923, 0.2813)

Conversions

Conversions Part 1	
Format	Color
Hex	B2A7CC
RGB	178, 167, 204
RGB Percent	70%, 65%, 80%
CMY	0.3018, 0.3451, 0.2001
CMYK	0.13, 0.18, 0.00, 0.20
HSL	258°, 27%, 73%
HSV	258°, 18%, 80%
XYZ	43.0833, 41.4620, 62.8489
YIQ	174.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

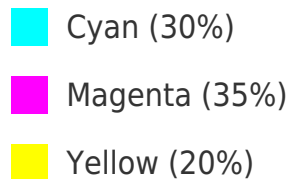
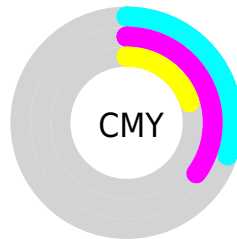
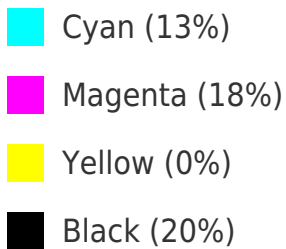
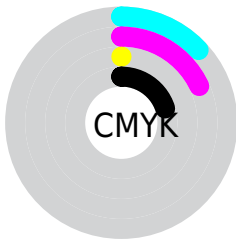
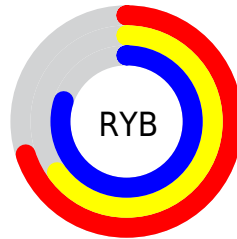
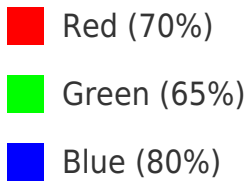
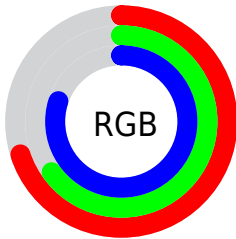
Format	Color
RYB	178, 167, 204
Decimal	11708364
CIELab	70.50, 11.25, -17.39
CIELCh	70, 20.709, 302.895
Yxy	41.4620, 0.2923, 0.2813
Android (android.graphics.Color)	4289898444 (0xFFB2A7CC)
YUV	174.5070, 14.5400, 3.0634
Hunter-Lab	64.3910, 6.7482, -12.7964

Details

The Yxy color $41.4620, 0.2923, 0.2813$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.2973, 0.3308, 0.3750$, and the grayscale version is $42.5307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9550, 0.2999, 0.2955$, and $18.8234, 0.2856, 0.2676$ is the 20% darker color. If you saturate the color by 10%, you get $32.9650, 0.2787, 0.2516$, and if you desaturate by 10%, it is $51.3177, 0.3042, 0.3087$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4620, 0.2923, 0.2813 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 41.4620, 0.2923, 0.2813 by changing the saturation by 10% instead.


 41.4620, 0.2923,
0.2813


 41.4620, 0.2923,
0.2813


352.2478, 0.3029,
0.3049

 28.6803, 0.2896,
0.2755


 77.3847, 0.2962,
0.2898

 18.8391, 0.2860,
0.2681


 101.2945, 0.2977,
0.2930

 11.5541, 0.2812,
0.2584


129.6824, 0.2989,
0.2958

 6.4408, 0.2743,
0.2450

162.9329, 0.2999,
0.2981

 3.1149, 0.2638,
0.2256

201.4302, 0.3008,
0.3001

 1.1920, 0.2458,
0.1951


245.5589, 0.3016,


 0.0552, 0.1932,


0.3019


0.0326


295.7033, 0.3023,
0.3035


 0.0000, 0.0000,
0.0000


 41.4620, 0.2923,
0.2813

 41.4620, 0.2923,
0.2813


 32.9650, 0.2787,
0.2516


 51.3177, 0.3042,
0.3087


 25.7611, 0.2635,
0.2200


 62.5837, 0.3145,
0.3334


 19.7867, 0.2471,
0.1877

 75.3149, 0.3233,
0.3555

 14.9710, 0.2299,
0.1562

 89.5621, 0.3308,
0.3751

 11.2355, 0.2128,
0.1272

 96.1233, 0.3394,
0.3796

■ 8.4917, 0.1967,
0.1027

■ 97.1389, 0.3430,
0.3790

■ 6.6364, 0.1826,
0.0844

■ 5.5182, 0.1713,
0.0726

■ 5.3489, 0.1695,
0.0707

Harmonies

Analogous

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



41.4620, 0.2688, 0.2804



41.4620, 0.2923, 0.2813



41.4620, 0.3224, 0.2935

Triad

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



41.4620, 0.2923, 0.2813



41.4620, 0.3715, 0.3627



41.4620, 0.2750, 0.3433

Complementary

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



41.4620, 0.2923, 0.2813



57.2973, 0.3308, 0.3750

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.



41.4620, 0.3011, 0.3688



41.4620, 0.2923, 0.2813



41.4620, 0.3572, 0.3790

Square

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



41.4620, 0.2923, 0.2813



41.4620, 0.3694, 0.3389



41.4620, 0.3312, 0.3820



41.4620, 0.2592, 0.3147

Rectangle

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



41.4620, 0.2923, 0.2813



41.4620, 0.3422, 0.3065



41.4620, 0.3312, 0.3820



41.4620, 0.2828, 0.3527

Sweetspot

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



41.4637, 0.2923, 0.2813



90.4766, 0.3075, 0.3166



50.9367, 0.2850, 0.3154



19.0897, 0.3068, 0.3147



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.



41.4637, 0.2923, 0.2813



62.5677, 0.2869, 0.2692



43.7254, 0.3078, 0.2835



11.0037, 0.3028, 0.3054



3.4098, 0.1707, 0.0714



0.2156, 0.1926, 0.0835

Inverse Universe

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



44.3174, 0.3242, 0.2973



68.2481, 0.3274, 0.2898



55.0832, 0.3166, 0.3771



11.3444, 0.3183, 0.3129



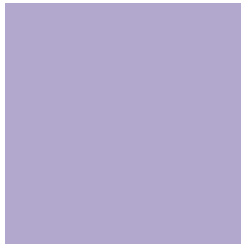
9.3465, 0.4132, 0.2050



0.4952, 0.3910, 0.1928

Previews

White Background



This preview shows how the Yxy color 41.4620, 0.2923, 0.2813 looks on a white background.

Color Contrast Check

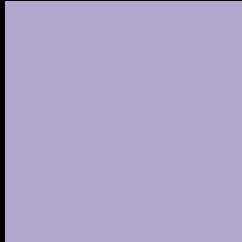
Large Text (above 18pt) WCAG AA × Fail

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 41.4620, 0.2923, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

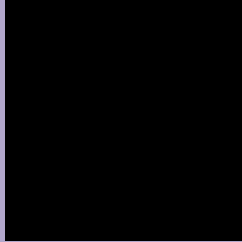
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4620, 0.2923, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 41.4620, 0.2923, 0.2813.



This preview shows how white text looks on a background with the Yxy color 41.4620, 0.2923, 0.2813.

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

41.4620, 0.2923, 0.2813

Protanopia

41.6301, 0.2796, 0.2816

Deuteranopia

41.3636, 0.2889, 0.2822



Tritanopia

41.3241, 0.3056, 0.3102

Trichromacy



Original Color
41.4620, 0.2923, 0.2813

Protanomaly
41.7517, 0.2843, 0.2820

Deuteranomaly
41.4789, 0.2898, 0.2823

Tritanomaly
41.3676, 0.3008, 0.2999

Monochromacy



Original Color
41.4620, 0.2923, 0.2813

Achromatopsia
42.8690, 0.3127, 0.3290

Achromatomaly
42.2803, 0.3048, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4620, 0.2923, 0.2813 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(178, 167, 204) looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 204)  
}
```

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(178, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.4620, 0.2923, 0.2813 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(178, 167, 204) }
```

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

```
.border{ border-color:rgb(178, 167, 204) }
```

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

Here you see how a box with a 4 pixel rgb(178, 167, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4620, 0.2923, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 204) }
```

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

```
.background{ background-color: rgb(178,  
167, 204) }
```

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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