

Converting Colors

$Y_{xy}(32.3896, 0.3115, 0.2771)$

Have a look what the booklet for
Yxy(32.3896, 0.3115, 0.2771)
contains.

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Color

Yxy(32.3282, 0.3111, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	B18FB5
RGB	177, 143, 181
RGB Percent	69%, 56%, 71%
CMY	0.3059, 0.4392, 0.2902
CMYK	0.02, 0.21, 0.00, 0.29
HSL	294°, 20%, 64%
HSV	294°, 21%, 71%
XYZ	36.2949, 32.3282, 48.0431
YIQ	157.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

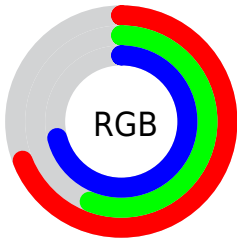
Format	Color
R_{YB}	177, 143, 181
Decimal	11636661
CIE _{Lab}	63.61, 19.59, -15.00
CIE _{LCh}	64, 24.669, 322.563
Yxy	32.3282, 0.3111, 0.2771
Android (android.graphics.Color)	4289826741 (0xFFB18FB5)
YUV	157.4980, 11.5865, 17.1033
Hunter-Lab	56.8579, 14.4430, -10.2977

Details

The Yxy color **32.3282, 0.3111, 0.2771** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2345, 0.3134, 0.3856**, and the grayscale version is **33.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3706, 0.3116, 0.2868**, and **13.4979, 0.3101, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **27.1044, 0.3099, 0.2518**, and if you desaturate by 10%, it is **38.4347, 0.3120, 0.3023**.

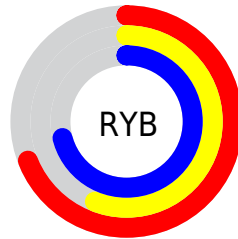
Distribution



Red (69%)

Green (56%)

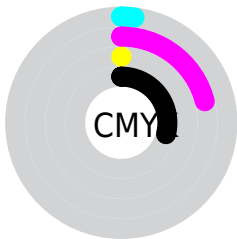
Blue (71%)



Red (69%)

Yellow (56%)

Blue (71%)

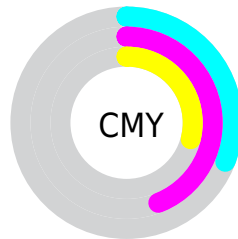


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (44%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3282, 0.3111, 0.2771 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 32.3282, 0.3111, 0.2771 by changing the saturation by 10% instead.


 32.3282, 0.3111,
0.2771


 32.3282, 0.3111,
0.2771


312.6116, 0.3124,
0.3036

 21.6123, 0.3106,
0.2703


 63.3252, 0.3117,
0.2868

 13.5723, 0.3099,
0.2616

 84.3752, 0.3119,
0.2905

 7.8238, 0.3088,
0.2497


109.6386, 0.3120,
0.2935

 3.9824, 0.3068,
0.2330

139.4999, 0.3121,
0.2961

 1.6637, 0.3029,
0.2076

174.3434, 0.3122,
0.2984

 0.4000, 0.3021,
0.1408

214.5536, 0.3123,

 0.0000, 0.0000,

0.3003

0.0000

260.5149, 0.3123,
0.3021

■ 32.3282, 0.3111,
0.2771

■ 32.3282, 0.3111,
0.2771

■ 27.1044, 0.3099,
0.2518

■ 38.4347, 0.3120,
0.3023

■ 22.7171, 0.3084,
0.2271

■ 45.4589, 0.3127,
0.3266

■ 19.1223, 0.3066,
0.2039

■ 53.4390, 0.3131,
0.3498

■ 16.2703, 0.3045,
0.1834

■ 62.4098, 0.3133,
0.3714

■ 14.1056, 0.3022,
0.1663

■ 72.4043, 0.3134,
0.3913

■ 12.5651, 0.2996,
0.1533

■ 83.4540, 0.3134,
0.4095

■ 11.5739, 0.2970,
0.1446

■ 85.8462, 0.3144,
0.4125

■ 11.0136, 0.2946,
0.1397

■ 86.0935, 0.3155,
0.4122

■ 86.3441, 0.3167,
0.4119

Harmonies

Analogous

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



32.3282, 0.2745, 0.2662



32.3282, 0.3111, 0.2771



32.3282, 0.3504, 0.2998

Triad

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



32.3282, 0.3111, 0.2771



32.3282, 0.3786, 0.3874



32.3282, 0.2492, 0.3222

Complementary

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



32.3282, 0.3111, 0.2771



41.2345, 0.3134, 0.3856

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.



32.3282, 0.2743, 0.3602



32.3282, 0.3111, 0.2771



32.3282, 0.3488, 0.3991

Square

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



32.3282, 0.3111, 0.2771



32.3282, 0.3906, 0.3614



32.3282, 0.3105, 0.3897



32.3282, 0.2405, 0.2894

Rectangle

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



32.3282, 0.3111, 0.2771



32.3282, 0.3721, 0.3194



32.3282, 0.3105, 0.3897



32.3282, 0.2559, 0.3349

Sweetspot

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



32.3296, 0.3111, 0.2771



74.7807, 0.3124, 0.3143



30.1794, 0.2786, 0.2787



15.9907, 0.3123, 0.3128



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.3296, 0.3111, 0.2771



53.5706, 0.3106, 0.2659



32.2388, 0.3295, 0.2967



8.6004, 0.3121, 0.3064



7.6103, 0.2949, 0.1398



0.2524, 0.3027, 0.1441

Inverse Universe

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



31.5763, 0.3498, 0.3235



52.0076, 0.3600, 0.3222



41.3418, 0.2990, 0.3637



8.5193, 0.3271, 0.3266



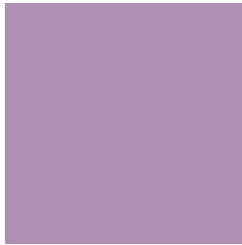
6.8100, 0.6255, 0.3220



0.2190, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 32.3282, 0.3111, 0.2771 looks on a white background.

Color Contrast Check

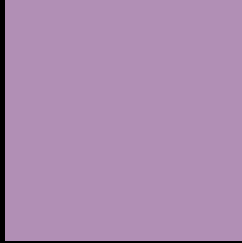
Large Text (above 18pt) WCAG AA × Fail

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 32.3282, 0.3111, 0.2771 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 32.3282, 0.3111, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 32.3282, 0.3111, 0.2771.



This preview shows how white text looks on a background with the Yxy color 32.3282, 0.3111, 0.2771.

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

32.3282, 0.3111, 0.2771

Protanopia

32.5243, 0.2763, 0.2780

Deuteranopia

32.5966, 0.2925, 0.2871



Tritanopia

32.3693, 0.3291, 0.3119

Trichromacy



Original Color

32.3282, 0.3111, 0.2771

Protanomaly

32.1658, 0.2882, 0.2775

Deuteranomaly

32.3676, 0.2991, 0.2836

Tritanomaly

32.4617, 0.3223, 0.2995

Monochromacy



Original Color

32.3282, 0.3111, 0.2771

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.5350, 0.3126, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3282, 0.3111, 0.2771 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(177, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 143, 181)  
}
```

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(177, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 143, 181) }
```

Border

The CSS property to change the border of an element to Yxy 32.3282, 0.3111, 0.2771 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(177, 143, 181) }
```

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

```
.border{ border-color:rgb(177, 143, 181) }
```

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

Here you see how a box with a 4 pixel rgb(177, 143, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 143,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3282, 0.3111, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 143, 181) }
```

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

```
.background{ background-color: rgb(177,  
143, 181) }
```

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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