

Converting Colors

$Y_{xy}(25.3243, 0.3476, 0.2789)$

Have a look what the booklet for
Yxy(25.3243, 0.3476, 0.2789)
contains.

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Color

Yxy(25.3505, 0.3474, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	B5779A
RGB	181, 119, 154
RGB Percent	71%, 47%, 60%
CMY	0.2901, 0.5333, 0.3961
CMYK	0.00, 0.34, 0.15, 0.29
HSL	326°, 30%, 59%
HSV	326°, 34%, 71%
XYZ	31.4865, 25.3505, 33.7976
YIQ	141.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

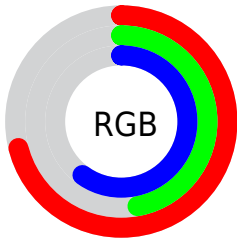
Format	Color
RYB	181, 119, 154
Decimal	11892634
CIELab	57.42, 29.52, -8.84
CIELCh	57, 30.814, 343.332
Yxy	25.3505, 0.3474, 0.2797
Android (android.graphics.Color)	4290082714 (0xFFB5779A)
YUV	141.5280, 6.1487, 34.6169
Hunter-Lab	50.3493, 23.5157, -4.5547

Details

The Yxy color **25.3505, 0.3474, 0.2797** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.0511, 0.2887, 0.3845**, and the grayscale version is **26.8225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2363, 0.3408, 0.2900**, and **9.7475, 0.3594, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **21.1914, 0.3617, 0.2653**, and if you desaturate by 10%, it is **30.3498, 0.3351, 0.2945**.

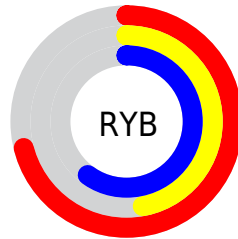
Distribution



Red (71%)

Green (47%)

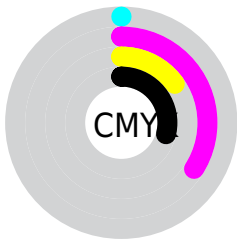
Blue (60%)



Red (71%)

Yellow (47%)

Blue (60%)

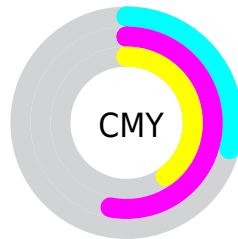


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3505, 0.3474, 0.2797 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 25.3505, 0.3474, 0.2797 by changing the saturation by 10% instead.


 25.3505, 0.3474,
0.2797


 25.3505, 0.3474,
0.2797


279.5790, 0.3288,
0.3058


 16.3384, 0.3525,
0.2727


 52.2253, 0.3403,
0.2896

 9.7639, 0.3594,
0.2633


 70.8567, 0.3378,
0.2932

 5.2427, 0.3690,
0.2502


 93.4634, 0.3356,
0.2962

 2.3904, 0.3837,
0.2308

120.4297, 0.3338,
0.2987

 0.8209, 0.4086,
0.1987

152.1400, 0.3323,
0.3009

 0.0000, 0.5942,
0.0000

188.9787, 0.3310,

 0.0000, 0.0000,

0.3028

0.0000

231.3302, 0.3298,
0.3044

■ 25.3505, 0.3474,
0.2797

■ 25.3505, 0.3474,
0.2797

■ 21.1914, 0.3617,
0.2653

■ 30.3498, 0.3351,
0.2945

■ 17.8218, 0.3781,
0.2520

■ 36.2290, 0.3247,
0.3092

■ 15.1913, 0.3964,
0.2411


■ 43.0298, 0.3160,
0.3232


■ 13.2418, 0.4162,
0.2335


■ 50.7899, 0.3087,
0.3365


■ 11.9065, 0.4367,
0.2305

■ 59.5451, 0.3027,
0.3489


 11.1050, 0.4570,
0.2327

 69.3291, 0.2977,
0.3603

 10.7868, 0.4686,
0.2355

 80.1743, 0.2935,
0.3708

 86.3603, 0.2896,
0.3714

 86.7811, 0.2856,
0.3622

Harmonies

Analogous

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



25.3505, 0.2937, 0.2545



25.3505, 0.3474, 0.2797



25.3505, 0.3943, 0.3162

Triad

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



25.3505, 0.3474, 0.2797



25.3505, 0.3744, 0.4216



25.3505, 0.2183, 0.2863

Complementary

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



25.3505, 0.3474, 0.2797



39.0511, 0.2887, 0.3845

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.



25.3505, 0.2360, 0.3347



25.3505, 0.3474, 0.2797



25.3505, 0.3246, 0.4203

Square

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



25.3505, 0.3474, 0.2797



25.3505, 0.4091, 0.3963



25.3505, 0.2741, 0.3869



25.3505, 0.2230, 0.2554

Rectangle

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



25.3505, 0.3474, 0.2797



25.3505, 0.4131, 0.3437



25.3505, 0.2741, 0.3869



25.3505, 0.2217, 0.3009

Sweetspot

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



25.3517, 0.3474, 0.2797



69.6544, 0.3209, 0.3150



22.6299, 0.2786, 0.2355



14.6992, 0.3222, 0.3131



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.



25.3517, 0.3474, 0.2797



39.7259, 0.3578, 0.2689



24.4526, 0.3865, 0.3232



8.5829, 0.3202, 0.3162



7.4492, 0.4663, 0.2342



0.2458, 0.4156, 0.2063

Inverse Universe

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



25.3517, 0.3474, 0.2797



39.7259, 0.3578, 0.2689



40.1443, 0.2676, 0.3351



8.5829, 0.3202, 0.3162



7.4492, 0.4663, 0.2342



0.2458, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 25.3505, 0.3474, 0.2797 looks on a white background.

Color Contrast Check

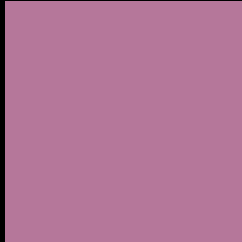
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3505, 0.3474, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

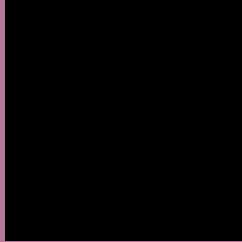
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3505, 0.3474, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 25.3505, 0.3474, 0.2797.



This preview shows how white text looks on a background with the Yxy color 25.3505, 0.3474, 0.2797.

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

25.3505, 0.3474, 0.2797

Protanopia

25.5500, 0.2798, 0.2821

Deuteranopia

25.3956, 0.3085, 0.3017



Tritanopia

25.4156, 0.3710, 0.3160

Trichromacy



Original Color

25.3505, 0.3474, 0.2797

Protanomaly

25.0579, 0.3018, 0.2793

Deuteranomaly

25.3384, 0.3224, 0.2937

Tritanomaly

25.5158, 0.3626, 0.3032

Monochromacy



Original Color

25.3505, 0.3474, 0.2797

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1934, 0.3248, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3505, 0.3474, 0.2797 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(181, 119, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 154)  
}
```

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(181, 119, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 154) }
```

Border

The CSS property to change the border of an element to Yxy 25.3505, 0.3474, 0.2797 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(181, 119, 154) }
```

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

```
.border{ border-color:rgb(181, 119, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3505, 0.3474, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 154) }
```

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

```
.background{ background-color: rgb(181,  
119, 154) }
```

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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