

Converting Colors

$Y_{xy}(26.0053, 0.3509, 0.2886)$

Have a look what the booklet for
Yxy(26.0053, 0.3509, 0.2886)
contains.

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Color

Yxy(25.9772, 0.3503, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	B57A97
RGB	181, 122, 151
RGB Percent	71%, 48%, 59%
CMY	0.2903, 0.5215, 0.4079
CMYK	0.00, 0.33, 0.17, 0.29
HSL	331°, 28%, 59%
HSV	331°, 33%, 71%
XYZ	31.5966, 25.9772, 32.6248
YIQ	142.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

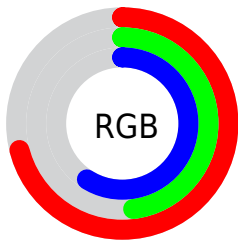
Format	Color
RYB	181, 122, 151
Decimal	11893399
CIELab	58.02, 27.34, -6.22
CIElCh	58, 28.034, 347.183
Yxy	25.9772, 0.3503, 0.2880
Android (android.graphics.Color)	4290083479 (0xFFB57A97)
YUV	142.9470, 3.9701, 33.3725
Hunter-Lab	50.9678, 21.4641, -2.2744

Details

The Yxy color **25.9772, 0.3503, 0.2880** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.4430, 0.2867, 0.3743**, and the grayscale version is **27.4226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2449, 0.3430, 0.2964**, and **10.0669, 0.3640, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **21.6521, 0.3668, 0.2752**, and if you desaturate by 10%, it is **31.1556, 0.3363, 0.3010**.

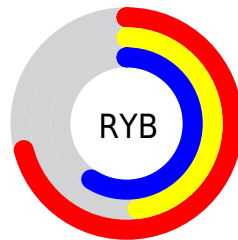
Distribution



Red (71%)

Green (48%)

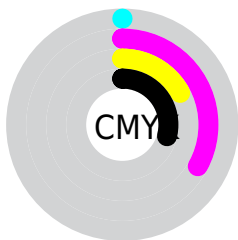
Blue (59%)



Red (71%)

Yellow (48%)

Blue (59%)

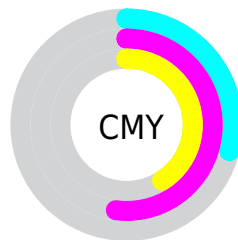


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9772, 0.3503, 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 25.9772, 0.3503, 0.2880 by changing the saturation by 10% instead.

 25.9772, 0.3503,
0.2880


 25.9772, 0.3503,
0.2880


282.6701, 0.3300,
0.3099


 16.8066, 0.3559,
0.2821


 53.2382, 0.3425,
0.2963

 10.0967, 0.3635,
0.2741

 72.0973, 0.3397,
0.2993

 5.4631, 0.3743,
0.2630


 94.9547, 0.3374,
0.3018

 2.5215, 0.3909,
0.2463

122.1949, 0.3355,
0.3039

 0.8874, 0.4195,
0.2185

154.2021, 0.3338,
0.3057

 0.0000, 0.7010,
0.0000

191.3607, 0.3324,

 0.0000, 0.0000,

0.3073

0.0000

234.0553, 0.3311,
0.3086

■ 25.9772, 0.3503,
0.2880

■ 25.9772, 0.3503,
0.2880

■ 21.6521, 0.3668,
0.2752

■ 31.1556, 0.3363,
0.3010

■ 18.1302, 0.3859,
0.2634

■ 37.2267, 0.3246,
0.3138

■ 15.3616, 0.4076,
0.2535


■ 44.2318, 0.3149,
0.3260


■ 13.2894, 0.4314,
0.2469


■ 52.2084, 0.3069,
0.3374

■ 11.8482, 0.4564,
0.2446

■ 61.1922, 0.3003,
0.3480


 10.9602, 0.4812,
0.2476

 71.2167, 0.2948,
0.3577

 10.5411, 0.4992,
0.2524

 82.3142, 0.2902,
0.3667

 86.7558, 0.2857,
0.3627

 87.2706, 0.2810,
0.3522

Harmonies

Analogous

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



25.9772, 0.3017, 0.2632



25.9772, 0.3503, 0.2880



25.9772, 0.3904, 0.3225

Triad

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



25.9772, 0.3503, 0.2880



25.9772, 0.3636, 0.4140



25.9772, 0.2261, 0.2861

Complementary

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



25.9772, 0.3503, 0.2880



39.4430, 0.2867, 0.3743

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.



25.9772, 0.2399, 0.3284



25.9772, 0.3503, 0.2880



25.9772, 0.3178, 0.4084

Square

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



25.9772, 0.3503, 0.2880



25.9772, 0.3972, 0.3944



25.9772, 0.2727, 0.3754



25.9772, 0.2330, 0.2601

Rectangle

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



25.9772, 0.3503, 0.2880



25.9772, 0.4051, 0.3479



25.9772, 0.2727, 0.3754



25.9772, 0.2284, 0.2988

Sweetspot

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



25.9784, 0.3503, 0.2880



69.5623, 0.3221, 0.3168



23.8856, 0.2848, 0.2416



14.6767, 0.3236, 0.3151



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.



25.9784, 0.3503, 0.2880



40.9051, 0.3617, 0.2789



25.1498, 0.3865, 0.3292



8.5726, 0.3213, 0.3179



7.2831, 0.4964, 0.2508



0.2410, 0.4351, 0.2170

Inverse Universe

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



25.9784, 0.3503, 0.2880



40.9051, 0.3617, 0.2789



40.5112, 0.2670, 0.3289



8.5726, 0.3213, 0.3179



7.2831, 0.4964, 0.2508



0.2410, 0.4351, 0.2170

Previews

White Background



This preview shows how the Yxy color 25.9772, 0.3503, 0.2880 looks on a white background.

Color Contrast Check

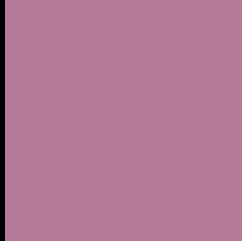
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9772, 0.3503, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

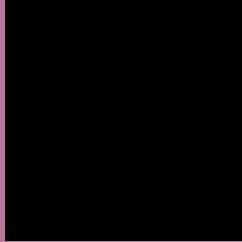
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9772, 0.3503, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 25.9772, 0.3503, 0.2880.



This preview shows how white text looks on a background with the Yxy color 25.9772, 0.3503, 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

25.9772, 0.3503, 0.2880

Protanopia

26.3081, 0.2875, 0.2920

Deuteranopia

26.1678, 0.3137, 0.3083



Tritanopia

25.9722, 0.3678, 0.3161

Trichromacy



Original Color

25.9772, 0.3503, 0.2880

Protanomaly

25.9191, 0.3079, 0.2902

Deuteranomaly

26.0117, 0.3266, 0.3000

Tritanomaly

26.0121, 0.3620, 0.3061

Monochromacy



Original Color

25.9772, 0.3503, 0.2880

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5714, 0.3258, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9772, 0.3503, 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(181, 122, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 122, 151)  
}
```

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, 122, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 122, 151) }
```

Border

The CSS property to change the border of an element to Yxy 25.9772, 0.3503, 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(181, 122, 151) }
```

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

```
.border{ border-color:rgb(181, 122, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 122, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 122, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 122, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 122,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9772, 0.3503, 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(181, 122, 151) }
```

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

```
.background{ background-color: rgb(181,  
122, 151) }
```

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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