

Converting Colors

$Y_{xy}(26.5752, 0.3134, 0.2446)$

Have a look what the booklet for
Yxy(26.5752, 0.3134, 0.2446)
contains.

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Color

Yxy(26.5551, 0.3134, 0.2441)

Conversions

Conversions Part 1

Format	Color
Hex	B478B7
RGB	180, 120, 183
RGB Percent	71%, 47%, 72%
CMY	0.2940, 0.5295, 0.2823
CMYK	0.02, 0.34, 0.00, 0.28
HSL	297°, 30%, 59%
HSV	297°, 34%, 72%
XYZ	34.0941, 26.5551, 48.1386
YIQ	145.1220, 15.5370, 32.3130

Conversions

Conversions Part 2

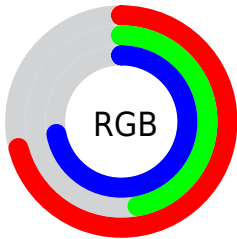
Format	Color
R _Y B	180, 120, 183
Decimal	11827383
CIE Lab	58.56, 33.88, -23.81
CIE LCh	59, 41.412, 324.905
Yxy	26.5551, 0.3134, 0.2441
Android (android.graphics.Color)	4290017463 (0xFFB478B7)
YUV	145.1220, 18.6739, 30.5880
Hunter-Lab	51.5316, 27.9179, -19.3140

Details

The Yxy color **26.5551, 0.3134, 0.2441** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.4388, 0.3103, 0.4296**, and the grayscale version is **28.2863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1237, 0.3143, 0.2599**, and **10.4276, 0.3114, 0.2191** is the 20% darker color. If you saturate the color by 10%, you get **22.4640, 0.3133, 0.2206**, and if you desaturate by 10%, it is **31.4904, 0.3134, 0.2688**.

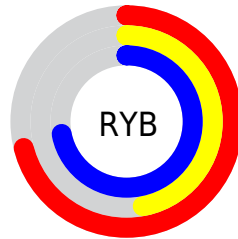
Distribution



Red (71%)

Green (47%)

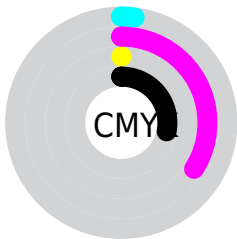
Blue (72%)



Red (71%)

Yellow (47%)

Blue (72%)

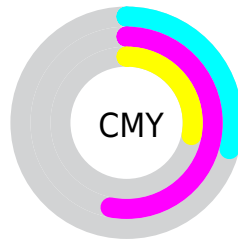


Cyan (2%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (53%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5551, 0.3134, 0.2441 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 26.5551, 0.3134, 0.2441 by changing the saturation by 10% instead.


 26.5551, 0.3134,
0.2441


 26.5551, 0.3134,
0.2441


285.4965, 0.3142,
0.2874


 17.2394, 0.3128,
0.2331


 54.1691, 0.3140,
0.2600

 10.4053, 0.3117,
0.2190


 73.2362, 0.3141,
0.2659

 5.6685, 0.3098,
0.2002


 96.3225, 0.3142,
0.2709

 2.6446, 0.3061,
0.1741

123.8125, 0.3142,
0.2751

 0.9491, 0.2980,
0.1363

156.0904, 0.3142,
0.2788

 0.0000, 0.2979,
0.0000

193.5408, 0.3142,

 0.0000, 0.0000,

0.2820

0.0000

236.5481, 0.3142,
0.2849

■ 26.5551, 0.3134,
0.2441

■ 26.5551, 0.3134,
0.2441

■ 22.4640, 0.3133,
0.2206

■ 31.4904, 0.3134,
0.2688

■ 19.1657, 0.3129,
0.1992

■ 37.3108, 0.3132,
0.2938

■ 16.6082, 0.3124,
0.1809

■ 44.0586, 0.3129,
0.3184


■ 14.7323, 0.3117,
0.1664

■ 51.7723, 0.3125,
0.3420

■ 13.4693, 0.3108,
0.1561

■ 60.4885, 0.3121,
0.3642

 12.7367, 0.3097,
0.1500

 70.2416, 0.3116,
0.3850

 12.4604, 0.3091,
0.1477

 81.0645, 0.3111,
0.4040

 85.4997, 0.3112,
0.4107

 85.6091, 0.3117,
0.4105

Harmonies

Analogous

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



26.5551, 0.2495, 0.2241



26.5551, 0.3134, 0.2441



26.5551, 0.3846, 0.2817

Triad

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



26.5551, 0.3134, 0.2441



26.5551, 0.4231, 0.4302



26.5551, 0.2015, 0.3077

Complementary

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



26.5551, 0.3134, 0.2441



39.4388, 0.3103, 0.4296

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.



26.5551, 0.2396, 0.3806



26.5551, 0.3134, 0.2441



26.5551, 0.3671, 0.4566

Square

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



26.5551, 0.3134, 0.2441



26.5551, 0.4508, 0.3828



26.5551, 0.2998, 0.4406



26.5551, 0.1910, 0.2531

Rectangle

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



26.5551, 0.3134, 0.2441



26.5551, 0.4235, 0.3133



26.5551, 0.2998, 0.4406



26.5551, 0.2112, 0.3311

Sweetspot

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



26.5563, 0.3134, 0.2441



71.7686, 0.3131, 0.3044



21.6107, 0.2522, 0.2330



15.4852, 0.3131, 0.3009



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.5563, 0.3134, 0.2441



42.1040, 0.3133, 0.2269



25.8532, 0.3488, 0.2806



9.1405, 0.3130, 0.3064



8.6992, 0.3093, 0.1477



0.3133, 0.3125, 0.1495

Inverse Universe

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



24.9274, 0.3887, 0.3249



38.7921, 0.4129, 0.3241



40.0159, 0.2879, 0.3834



9.0189, 0.3280, 0.3280



7.0392, 0.6340, 0.3266



0.2505, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 26.5551, 0.3134, 0.2441 looks on a white background.

Color Contrast Check

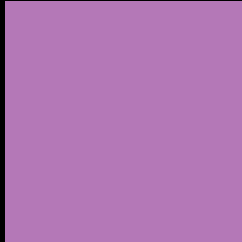
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5551, 0.3134, 0.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

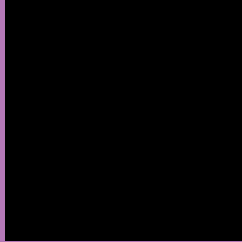
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5551, 0.3134, 0.2441

Background



This preview shows how black text looks on a background with the Yxy color 26.5551, 0.3134, 0.2441.



This preview shows how white text looks on a background with the Yxy color 26.5551, 0.3134, 0.2441.

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

26.5551, 0.3134, 0.2441

Protanopia

26.7534, 0.2475, 0.2400

Deuteranopia

26.9114, 0.2711, 0.2657



Tritanopia

26.5633, 0.3546, 0.3143

Trichromacy



Original Color

26.5551, 0.3134, 0.2441

Protanomaly

26.2821, 0.2680, 0.2397

Deuteranomaly

26.4180, 0.2849, 0.2564

Tritanomaly

26.5184, 0.3390, 0.2874

Monochromacy



Original Color

26.5551, 0.3134, 0.2441

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3806, 0.3133, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5551, 0.3134, 0.2441 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(180, 120, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 120, 183)  
}
```

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(180, 120, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 120, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.5551, 0.3134, 0.2441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

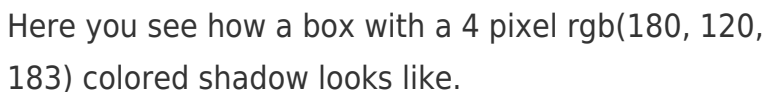
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 120, 183) }
```

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

```
.border{ border-color:rgb(180, 120, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 120, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 120, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 120, 183); box-shadow:4px 4px 4px 4px rgb(180, 120, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5551, 0.3134, 0.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 120, 183) }
```

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

```
.background{ background-color: rgb(180,  
120, 183) }
```

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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