

Converting Colors

$Y_{xy}(25.0880, 0.3186, 0.2522)$

Have a look what the booklet for
Yxy(25.0880, 0.3186, 0.2522)
contains.

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Color

Yxy(25.0880, 0.3186, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	AF76AD
RGB	175, 118, 173
RGB Percent	69%, 46%, 68%
CMY	0.3138, 0.5372, 0.3217
CMYK	0.00, 0.33, 0.01, 0.31
HSL	302°, 26%, 57%
HSV	302°, 33%, 69%
XYZ	31.6932, 25.0880, 42.6954
YIQ	141.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

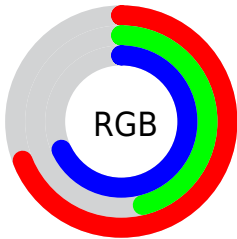
Format	Color
R _Y B	175, 118, 173
Decimal	11499181
CIE Lab	57.16, 31.37, -20.25
CIE LCh	57, 37.338, 327.161
Yxy	25.0880, 0.3186, 0.2522
Android (android.graphics.Color)	4289689261 (0xFFAF76AD)
YUV	141.3130, 15.6217, 29.5435
Hunter-Lab	50.0879, 25.2924, -15.4777

Details

The Yxy color **25.0880, 0.3186, 0.2522** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.8574, 0.3068, 0.4201**, and the grayscale version is **26.6984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7719, 0.3173, 0.2664**, and **9.5797, 0.3175, 0.2269** is the 20% darker color. If you saturate the color by 10%, you get **21.3188, 0.3206, 0.2296**, and if you desaturate by 10%, it is **29.6240, 0.3167, 0.2758**.

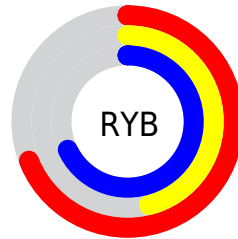
Distribution



Red (69%)

Green (46%)

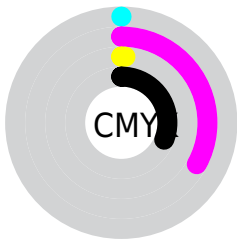
Blue (68%)



Red (69%)

Yellow (46%)

Blue (68%)

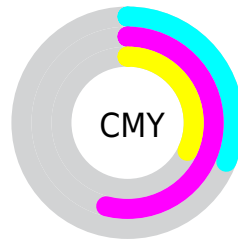


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (54%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0880, 0.3186, 0.2522 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 25.0880, 0.3186, 0.2522 by changing the saturation by 10% instead.


 25.0880, 0.3186,
0.2522


 25.0880, 0.3186,
0.2522


278.2759, 0.3164,
0.2920


 16.1426, 0.3189,
0.2419


 51.7999, 0.3180,
0.2670

 9.6251, 0.3190,
0.2284


 70.3353, 0.3177,
0.2724

 5.1511, 0.3188,
0.2102


 92.8361, 0.3174,
0.2770

 2.3362, 0.3176,
0.1843

119.6868, 0.3172,
0.2809

 0.7928, 0.3136,
0.1448

151.2717, 0.3169,
0.2842

 0.0000, 0.3024,
0.0000

187.9753, 0.3167,

 0.0000, 0.0000,

0.2872

0.0000

230.1819, 0.3165,
0.2897

■ 25.0880, 0.3186,
0.2522

■ 25.0880, 0.3186,
0.2522

■ 21.3188, 0.3206,
0.2296

■ 29.6240, 0.3167,
0.2758

■ 18.2706, 0.3225,
0.2090

■ 34.9624, 0.3148,
0.2997

■ 15.8981, 0.3244,
0.1913

■ 41.1409, 0.3131,
0.3232


■ 14.1496, 0.3261,
0.1772


■ 48.1935, 0.3116,
0.3457

■ 12.9656, 0.3276,
0.1673


■ 56.1526, 0.3101,
0.3669

 12.2754, 0.3289,
0.1615

 65.0488, 0.3089,
0.3866

 11.9693, 0.3298,
0.1591

 74.9112, 0.3077,
0.4048

 83.8395, 0.3068,
0.4186

 83.8642, 0.3065,
0.4179

Harmonies

Analogous

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



25.0880, 0.2583, 0.2321



25.0880, 0.3186, 0.2522



25.0880, 0.3834, 0.2885

Triad

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



25.0880, 0.3186, 0.2522



25.0880, 0.4120, 0.4259



25.0880, 0.2079, 0.3055

Complementary

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



25.0880, 0.3186, 0.2522



35.8574, 0.3068, 0.4201

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.



25.0880, 0.2419, 0.3713



25.0880, 0.3186, 0.2522



25.0880, 0.3592, 0.4465

Square

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



25.0880, 0.3186, 0.2522



25.0880, 0.4394, 0.3835



25.0880, 0.2968, 0.4277



25.0880, 0.1998, 0.2565

Rectangle

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



25.0880, 0.3186, 0.2522



25.0880, 0.4177, 0.3186



25.0880, 0.2968, 0.4277



25.0880, 0.2165, 0.3265

Sweetspot

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



25.0891, 0.3186, 0.2522



65.1294, 0.3144, 0.3053



20.0439, 0.2575, 0.2351



14.1524, 0.3147, 0.3021



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.0891, 0.3186, 0.2522



40.0000, 0.3200, 0.2359



24.1048, 0.3519, 0.2902



8.1432, 0.3143, 0.3074



8.5770, 0.3297, 0.1590



0.2401, 0.3268, 0.1574

Inverse Universe

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



25.0891, 0.3186, 0.2522



40.0000, 0.3200, 0.2359



36.6516, 0.2858, 0.3717



8.1432, 0.3143, 0.3074



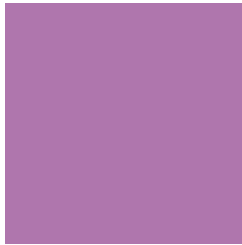
8.5770, 0.3297, 0.1590



0.2401, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 25.0880, 0.3186, 0.2522 looks on a white background.

Color Contrast Check

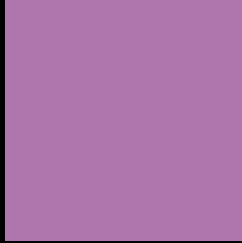
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0880, 0.3186, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

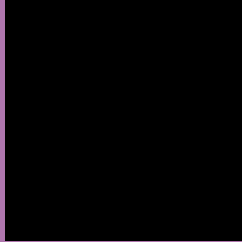
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0880, 0.3186, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 25.0880, 0.3186, 0.2522.



This preview shows how white text looks on a background with the Yxy color 25.0880, 0.3186, 0.2522.

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

25.0880, 0.3186, 0.2522

Protanopia

25.3644, 0.2553, 0.2507

Deuteranopia

25.2986, 0.2781, 0.2732



Tritanopia

24.9625, 0.3558, 0.3140

Trichromacy



Original Color

25.0880, 0.3186, 0.2522

Protanomaly

24.7875, 0.2757, 0.2499

Deuteranomaly

25.0303, 0.2919, 0.2648

Tritanomaly

24.8596, 0.3421, 0.2893

Monochromacy



Original Color

25.0880, 0.3186, 0.2522

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8473, 0.3142, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0880, 0.3186, 0.2522 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(175, 118, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 118, 173)  
}
```

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(175, 118, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 118, 173) }
```

Border

The CSS property to change the border of an element to Yxy 25.0880, 0.3186, 0.2522 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(175, 118, 173) }
```

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

```
.border{ border-color:rgb(175, 118, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 118, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 118, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 118, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 118,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0880, 0.3186, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 118, 173) }
```

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

```
.background{ background-color: rgb(175,  
118, 173) }
```

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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