

Converting Colors

$Y_{xy}(25.7846, 0.3262, 0.2928)$

Have a look what the booklet for
Yxy(25.7846, 0.3262, 0.2928)
contains.

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Color

Yxy(25.7870, 0.3258, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	A38199
RGB	163, 129, 153
RGB Percent	64%, 51%, 60%
CMY	0.3608, 0.4941, 0.3999
CMYK	0.00, 0.21, 0.06, 0.36
HSL	318°, 16%, 57%
HSV	318°, 21%, 64%
XYZ	28.7031, 25.7870, 33.6103
YIQ	141.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

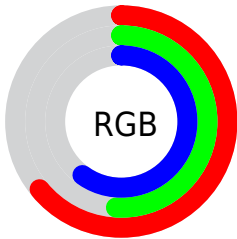
Format	Color
R_{YB}	163, 129, 153
Decimal	10715545
CIE _{Lab}	57.83, 17.20, -7.87
CIE _{LCh}	58, 18.916, 335.430
Yxy	25.7870, 0.3258, 0.2927
Android (android.graphics.Color)	4288905625 (0xFFFA38199)
YUV	141.9020, 5.4713, 18.5029
Hunter-Lab	50.7809, 12.0278, -3.6956

Details

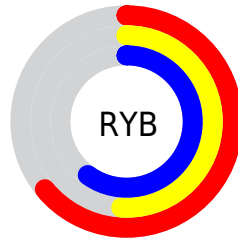
The Yxy color **25.7870, 0.3258, 0.2927** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.7198, 0.3017, 0.3683**, and the grayscale version is **26.9843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8663, 0.3233, 0.3004**, and **9.9308, 0.3305, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **21.6762, 0.3337, 0.2746**, and if you desaturate by 10%, it is **30.5913, 0.3190, 0.3105**.

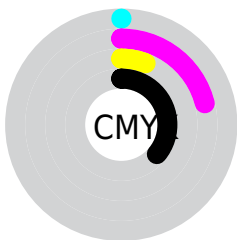
Distribution



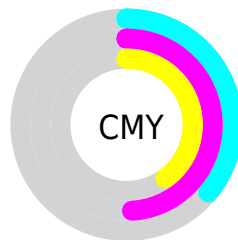
- Red (64%)
- Green (51%)
- Blue (60%)



- Red (64%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7870, 0.3258, 0.2927 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 25.7870, 0.3258, 0.2927 by changing the saturation by 10% instead.


 25.7870, 0.3258,
0.2927


 25.7870, 0.3258,
0.2927


281.7349, 0.3189,
0.3121


 16.6644, 0.3277,
0.2874


 52.9311, 0.3232,
0.3001

 9.9955, 0.3302,
0.2803


 71.7214, 0.3222,
0.3027

 5.3960, 0.3336,
0.2703


 94.5030, 0.3214,
0.3050

 2.4814, 0.3388,
0.2551

121.6604, 0.3208,
0.3068

 0.8673, 0.3474,
0.2297

153.5778, 0.3202,
0.3084

 0.0000, 0.3994,
0.0000

190.6398, 0.3197,

 0.0000, 0.0000,

0.3098

0.0000

233.2307, 0.3193,
0.3110

■ 25.7870, 0.3258,
0.2927

■ 25.7870, 0.3258,
0.2927

■ 21.6762, 0.3337,
0.2746

■ 30.5913, 0.3190,
0.3105

■ 18.2231, 0.3427,
0.2569

■ 36.1159, 0.3132,
0.3276

■ 15.3936, 0.3528,
0.2402

■ 42.3906, 0.3082,
0.3438

■ 13.1493, 0.3639,
0.2255

■ 49.4423, 0.3041,
0.3589

■ 11.4477, 0.3757,
0.2139

■ 57.2966, 0.3006,
0.3728

■ 10.2402, 0.3879,
0.2063

■ 65.9779, 0.2977,
0.3857

■ 9.4698, 0.4000,
0.2033

■ 75.5097, 0.2953,
0.3975

■ 9.0271, 0.4110,
0.2038

■ 83.0777, 0.2932,
0.4039

■ 83.2920, 0.2907,
0.3981

Harmonies

Analogous

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



25.7870, 0.2934, 0.2788



25.7870, 0.3258, 0.2927



25.7870, 0.3559, 0.3152

Triad

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



25.7870, 0.3258, 0.2927



25.7870, 0.3583, 0.3834



25.7870, 0.2548, 0.3111

Complementary

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



25.7870, 0.3258, 0.2927



32.7198, 0.3017, 0.3683

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.



25.7870, 0.2704, 0.3417



25.7870, 0.3258, 0.2927



25.7870, 0.3297, 0.3854

Square

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



25.7870, 0.3258, 0.2927



25.7870, 0.3750, 0.3667



25.7870, 0.2976, 0.3699



25.7870, 0.2538, 0.2878

Rectangle

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



25.7870, 0.3258, 0.2927



25.7870, 0.3700, 0.3327



25.7870, 0.2976, 0.3699



25.7870, 0.2585, 0.3209

Sweetspot

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



25.7881, 0.3258, 0.2927



59.3198, 0.3161, 0.3187



23.8040, 0.2887, 0.2743



13.1883, 0.3165, 0.3176



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.7881, 0.3258, 0.2927



42.6428, 0.3293, 0.2844



25.2756, 0.3447, 0.3177



7.1666, 0.3180, 0.3132



7.0254, 0.4100, 0.2032



0.1552, 0.3713, 0.1819

Inverse Universe

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



25.7881, 0.3258, 0.2927



42.6428, 0.3293, 0.2844



33.2441, 0.2881, 0.3407



7.1666, 0.3180, 0.3132



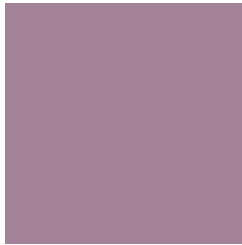
7.0254, 0.4100, 0.2032



0.1552, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 25.7870, 0.3258, 0.2927 looks on a white background.

Color Contrast Check

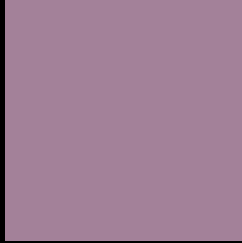
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7870, 0.3258, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

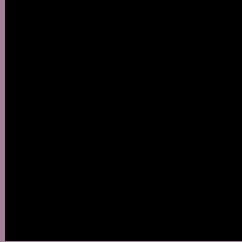
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7870, 0.3258, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 25.7870, 0.3258, 0.2927.



This preview shows how white text looks on a background with the Yxy color 25.7870, 0.3258, 0.2927.

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

25.7870, 0.3258, 0.2927

Protanopia

25.9144, 0.2902, 0.2949

Deuteranopia

25.7980, 0.3085, 0.3019



Tritanopia

25.7328, 0.3366, 0.3136

Trichromacy



Original Color

25.7870, 0.3258, 0.2927

Protanomaly

25.8733, 0.3024, 0.2941

Deuteranomaly

25.8144, 0.3152, 0.2993

Tritanomaly

25.6910, 0.3334, 0.3060

Monochromacy



Original Color

25.7870, 0.3258, 0.2927

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4507, 0.3178, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7870, 0.3258, 0.2927 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(163, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 153)  
}
```

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(163, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 153) }
```

Border

The CSS property to change the border of an element to Yxy 25.7870, 0.3258, 0.2927 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(163, 129, 153) }
```

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

```
.border{ border-color:rgb(163, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7870, 0.3258, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 153) }
```

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

```
.background{ background-color: rgb(163,  
129, 153) }
```

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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