

Converting Colors

$Y_{xy}(25.8146, 0.3480, 0.3116)$

Have a look what the booklet for
Yxy(25.8146, 0.3480, 0.3116)
contains.

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Color

Yxy(25.7668, 0.3478, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	A9808C
RGB	169, 128, 140
RGB Percent	66%, 50%, 55%
CMY	0.3372, 0.4980, 0.4509
CMYK	0.00, 0.24, 0.17, 0.34
HSL	342°, 19%, 58%
HSV	342°, 24%, 66%
XYZ	28.8157, 25.7668, 28.2689
YIQ	141.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

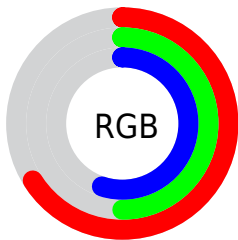
Format	Color
R _Y B	169, 128, 140
Decimal	11108492
CIE Lab	57.82, 17.72, -0.32
CIE LCh	58, 17.727, 358.960
Yxy	25.7668, 0.3478, 0.3110
Android (android.graphics.Color)	4289298572 (0xFFA9808C)
YUV	141.6270, -0.8021, 24.0061
Hunter-Lab	50.7610, 12.4981, 2.5140

Details

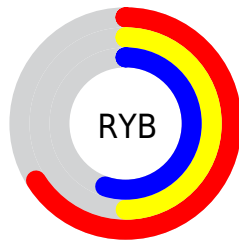
The Yxy color **25.7668, 0.3478, 0.3110** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4003, 0.2867, 0.3479**, and the grayscale version is **26.8932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9056, 0.3410, 0.3154**, and **9.9000, 0.3607, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **21.3865, 0.3680, 0.3032**, and if you desaturate by 10%, it is **30.9220, 0.3312, 0.3187**.

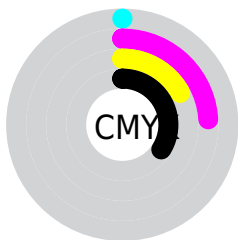
Distribution



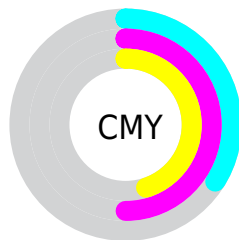
- Red (66%)
- Green (50%)
- Blue (55%)



- Red (66%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (34%)




- Cyan (34%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7668, 0.3478, 0.3110 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 25.7668, 0.3478, 0.3110 by changing the saturation by 10% instead.


 25.7668, 0.3478,
0.3110

 25.7668, 0.3478,
0.3110


281.6354, 0.3285,
0.3209


 16.6493, 0.3533,
0.3082


 52.8985, 0.3403,
0.3148

 9.9847, 0.3608,
0.3044


 71.6814, 0.3377,
0.3162

 5.3888, 0.3717,
0.2988

 94.4550, 0.3355,
0.3173

 2.4772, 0.3889,
0.2900

121.6035, 0.3336,
0.3183

 0.8652, 0.4202,
0.2741

153.5114, 0.3321,
0.3191

 0.0000, 1.0000,
0.0000

190.5631, 0.3307,


 0.0000, 0.0000,

0.3198


0.0000

233.1430, 0.3296,
0.3204

 25.7668, 0.3478,
0.3110


 25.7668, 0.3478,
0.3110

 21.3865, 0.3680,
0.3032


 30.9220, 0.3312,
0.3187


 17.7401, 0.3922,
0.2956

 36.8837, 0.3177,
0.3260


 14.7880, 0.4209,
0.2889

 43.6857, 0.3066,
0.3329

 12.4855, 0.4536,
0.2840

 51.3592, 0.2976,
0.3391

 10.7827, 0.4893,
0.2821

 59.9335, 0.2902,
0.3449

■ 9.6220, 0.5257,
0.2842

■ 69.4367, 0.2841,
0.3501

■ 8.9348, 0.5594,
0.2907

■ 79.8956, 0.2791,
0.3549

■ 8.6612, 0.5772,
0.2953

■ 85.9892, 0.2740,
0.3505

■ 86.7058, 0.2682,
0.3370

Harmonies

Analogous

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



25.7668, 0.3184, 0.2912



25.7668, 0.3478, 0.3110



25.7668, 0.3680, 0.3356

Triad

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



25.7668, 0.3478, 0.3110



25.7668, 0.3351, 0.3827



25.7668, 0.2563, 0.2943

Complementary

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



25.7668, 0.3478, 0.3110



35.4003, 0.2867, 0.3479

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.



25.7668, 0.2603, 0.3182



25.7668, 0.3478, 0.3110



25.7668, 0.3049, 0.3716

Square

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



25.7668, 0.3478, 0.3110



25.7668, 0.3601, 0.3777



25.7668, 0.2778, 0.3471



25.7668, 0.2664, 0.2811

Rectangle

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



25.7668, 0.3478, 0.3110



25.7668, 0.3729, 0.3522



25.7668, 0.2778, 0.3471



25.7668, 0.2561, 0.3013

Sweetspot

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



25.7680, 0.3478, 0.3110



62.8441, 0.3213, 0.3240



25.4418, 0.3021, 0.2675



13.5645, 0.3220, 0.3236



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.7680, 0.3478, 0.3110



41.8528, 0.3579, 0.3069



27.6592, 0.3592, 0.3416



7.5771, 0.3242, 0.3224



6.4633, 0.5745, 0.2938



0.1660, 0.4832, 0.2436

Inverse Universe

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



25.7680, 0.3478, 0.3110



41.8528, 0.3579, 0.3069



32.8747, 0.2766, 0.3161



7.5771, 0.3242, 0.3224



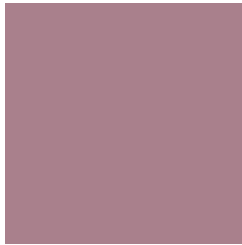
6.4633, 0.5745, 0.2938



0.1660, 0.4832, 0.2436

Previews

White Background



This preview shows how the Yxy color 25.7668, 0.3478, 0.3110 looks on a white background.

Color Contrast Check

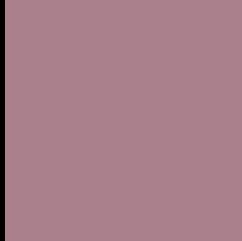
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7668, 0.3478, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

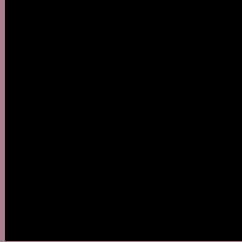
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7668, 0.3478, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 25.7668, 0.3478, 0.3110.



This preview shows how white text looks on a background with the Yxy color 25.7668, 0.3478, 0.3110.

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

25.7668, 0.3478, 0.3110

Protanopia

25.8277, 0.3068, 0.3158

Deuteranopia

25.9643, 0.3288, 0.3227



Tritanopia

25.7083, 0.3502, 0.3140

Trichromacy



Original Color

25.7668, 0.3478, 0.3110

Protanomaly

25.6431, 0.3213, 0.3131

Deuteranomaly

25.7375, 0.3363, 0.3181

Tritanomaly

25.7374, 0.3490, 0.3125

Monochromacy



Original Color

25.7668, 0.3478, 0.3110

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4898, 0.3253, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7668, 0.3478, 0.3110 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(169, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(169, 128, 140)  
}
```

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(169, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 128, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.7668, 0.3478, 0.3110 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(169, 128, 140) }
```

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

```
.border{ border-color:rgb(169, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(169, 128,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7668, 0.3478, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 128, 140) }
```

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

```
.background{ background-color: rgb(169,  
128, 140) }
```

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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