

Converting Colors

$Y_{xy}(24.7988, 0.3555, 0.3153)$

Have a look what the booklet for
Yxy(24.7988, 0.3555, 0.3153)
contains.

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Color

Yxy(24.8235, 0.3558, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	A97D86
RGB	169, 125, 134
RGB Percent	66%, 49%, 53%
CMY	0.3372, 0.5098, 0.4744
CMYK	0.00, 0.26, 0.21, 0.34
HSL	348°, 20%, 58%
HSV	348°, 26%, 66%
XYZ	28.0032, 24.8235, 25.8781
YIQ	139.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

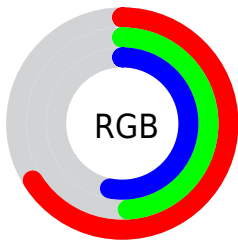
Format	Color
R _Y B	169, 125, 134
Decimal	11107718
CIE Lab	56.90, 18.47, 1.81
CIE LCh	57, 18.556, 5.595
Yxy	24.8235, 0.3558, 0.3154
Android (android.graphics.Color)	4289297798 (0xFFA97D86)
YUV	139.1820, -2.5547, 26.1504
Hunter-Lab	49.8232, 13.1355, 4.0810

Details

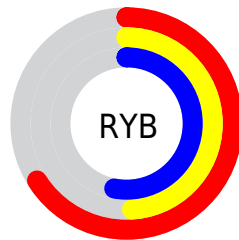
The Yxy color $24.8235, 0.3558, 0.3154$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.2803, 0.2820, 0.3432$, and the grayscale version is $25.8972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4362, 0.3467, 0.3187$, and $9.5378, 0.3710, 0.3097$ is the 20% darker color. If you saturate the color by 10%, you get $20.5520, 0.3795, 0.3099$, and if you desaturate by 10%, it is $29.8731, 0.3365, 0.3208$.

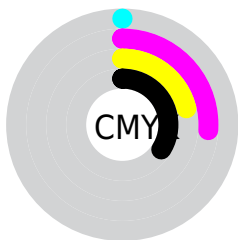
Distribution



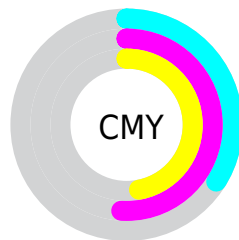
- Red (66%)
- Green (49%)
- Blue (53%)



- Red (66%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8235, 0.3558, 0.3154 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 24.8235, 0.3558, 0.3154 by changing the saturation by 10% instead.


 24.8235, 0.3558,
0.3154


 24.8235, 0.3558,
0.3154


276.9578, 0.3319,
0.3231


 15.9456, 0.3627,
0.3131


 51.3707, 0.3465,
0.3184

 9.4857, 0.3722,
0.3100


 69.8089, 0.3432,
0.3195

 5.0593, 0.3861,
0.3053

 92.2026, 0.3405,
0.3203

 2.2821, 0.4084,
0.2976

118.9362, 0.3382,
0.3211

 0.7642, 0.4543,
0.2837

150.3941, 0.3363,
0.3217

 0.0000, 1.0000,
0.0000

186.9608, 0.3346,

 0.0000, 0.0000,

0.3222

0.0000

229.0205, 0.3332,
0.3227

■ 24.8235, 0.3558,
0.3154

■ 24.8235, 0.3558,
0.3154

■ 20.5520, 0.3795,
0.3099

■ 29.8731, 0.3365,
0.3208

■ 17.0166, 0.4081,
0.3047

■ 35.7333, 0.3207,
0.3260

■ 14.1763, 0.4418,
0.3005

■ 42.4389, 0.3080,
0.3309

■ 11.9851, 0.4799,
0.2979

■ 50.0217, 0.2976,
0.3353

■ 10.3910, 0.5204,
0.2979

■ 58.5118, 0.2892,
0.3394

■ 9.3342, 0.5597,
0.3013

■ 67.9380, 0.2822,
0.3430

■ 8.7352, 0.5931,
0.3080

■ 78.3276, 0.2765,
0.3464

■ 8.5565, 0.6047,
0.3105

■ 86.3382, 0.2711,
0.3438

■ 87.1733, 0.2648,
0.3289

Harmonies

Analogous

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



24.8235, 0.3259, 0.2930



24.8235, 0.3558, 0.3154



24.8235, 0.3740, 0.3418

Triad

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



24.8235, 0.3558, 0.3154



24.8235, 0.3294, 0.3850



24.8235, 0.2542, 0.2880

Complementary

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



24.8235, 0.3558, 0.3154



35.2803, 0.2820, 0.3432

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.



24.8235, 0.2551, 0.3111



24.8235, 0.3558, 0.3154



24.8235, 0.2975, 0.3695

Square

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



24.8235, 0.3558, 0.3154



24.8235, 0.3579, 0.3831



24.8235, 0.2706, 0.3414



24.8235, 0.2679, 0.2770

Rectangle

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



24.8235, 0.3558, 0.3154



24.8235, 0.3764, 0.3589



24.8235, 0.2706, 0.3414



24.8235, 0.2528, 0.2945

Sweetspot

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



24.8246, 0.3558, 0.3154



61.6582, 0.3238, 0.3250



24.9510, 0.3051, 0.2635



13.0950, 0.3260, 0.3242



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.



24.8246, 0.3558, 0.3154



40.0682, 0.3683, 0.3124



27.9422, 0.3622, 0.3480



7.5665, 0.3255, 0.3244



6.3820, 0.6023, 0.3092



0.1621, 0.5186, 0.2630

Inverse Universe

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



24.8246, 0.3558, 0.3154



40.0682, 0.3683, 0.3124



31.1852, 0.2736, 0.3091



7.5665, 0.3255, 0.3244



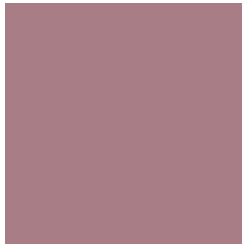
6.3820, 0.6023, 0.3092



0.1621, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 24.8235, 0.3558, 0.3154 looks on a white background.

Color Contrast Check

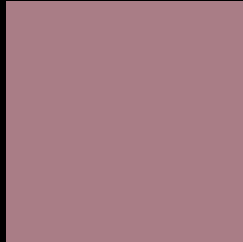
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8235, 0.3558, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

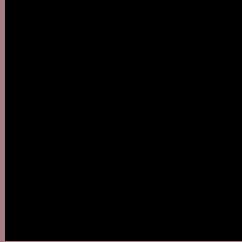
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8235, 0.3558, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 24.8235, 0.3558, 0.3154.



This preview shows how white text looks on a background with the Yxy color 24.8235, 0.3558, 0.3154.

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

24.8235, 0.3558, 0.3154

Protanopia

24.9050, 0.3108, 0.3223

Deuteranopia

24.8714, 0.3349, 0.3274



Tritanopia

24.8515, 0.3546, 0.3139

Trichromacy



Original Color

24.8235, 0.3558, 0.3154

Protanomaly

24.7271, 0.3258, 0.3193

Deuteranomaly

24.6631, 0.3426, 0.3227

Tritanomaly

24.8515, 0.3546, 0.3139

Monochromacy



Original Color

24.8235, 0.3558, 0.3154

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3404, 0.3277, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8235, 0.3558, 0.3154 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, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 134)  
}
```

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, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.8235, 0.3558, 0.3154 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, 125, 134) }
```

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

```
.border{ border-color:rgb(169, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8235, 0.3558, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 134) }
```

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

```
.background{ background-color: rgb(169,  
125, 134) }
```

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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