

Converting Colors

$Y_{xy}(24.8305, 0.3650, 0.3157)$

Have a look what the booklet for
Yxy(24.8305, 0.3650, 0.3157)
contains.

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Color

Yxy(24.8305, 0.3650, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	AE7B84
RGB	174, 123, 132
RGB Percent	68%, 48%, 52%
CMY	0.3175, 0.5177, 0.4823
CMYK	0.00, 0.29, 0.24, 0.32
HSL	349°, 24%, 58%
HSV	349°, 29%, 68%
XYZ	28.7081, 24.8305, 25.1136
YIQ	139.2750, 27.5070, 13.6110

Conversions

Conversions Part 2

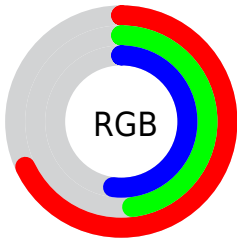
Format	Color
R_{YB}	174, 123, 132
Decimal	11434884
CIE _{Lab}	56.91, 21.21, 3.05
CIE _{LCh}	57, 21.426, 8.193
Yxy	24.8305, 0.3650, 0.3157
Android (android.graphics.Color)	4289624964 (0xFFAE7B84)
YUV	139.2750, -3.5866, 30.4538
Hunter-Lab	49.8302, 15.6341, 4.9999

Details

The Yxy color $24.8305, 0.3650, 0.3157$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.2088, 0.2774, 0.3429$, and the grayscale version is $25.9375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3764, 0.3533, 0.3189$, and $9.5152, 0.3833, 0.3102$ is the 20% darker color. If you saturate the color by 10%, you get $20.5257, 0.3913, 0.3110$, and if you desaturate by 10%, it is $29.9590, 0.3435, 0.3204$.

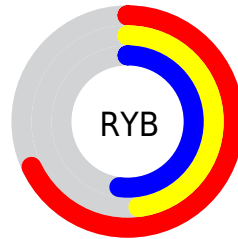
Distribution



Red (68%)

Green (48%)

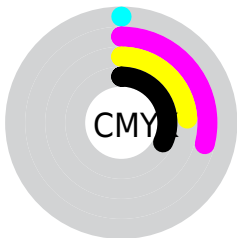
Blue (52%)



Red (68%)

Yellow (48%)

Blue (52%)

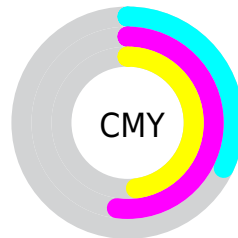


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (32%)



Cyan (32%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8305, 0.3650, 0.3157 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 24.8305, 0.3650, 0.3157 by changing the saturation by 10% instead.


 24.8305, 0.3650,
0.3157

 24.8305, 0.3650,
0.3157


276.9928, 0.3360,
0.3233


 15.9508, 0.3734,
0.3134


 51.3821, 0.3537,
0.3187

 9.4894, 0.3849,
0.3102


 69.8228, 0.3497,
0.3198

 5.0617, 0.4018,
0.3053

 92.2193, 0.3464,
0.3207

 2.2835, 0.4289,
0.2971

118.9561, 0.3436,
0.3214

 0.7650, 0.4867,
0.2836

150.4174, 0.3413,
0.3220

 0.0000, 1.0000,
0.0000

186.9877, 0.3393,

 0.0000, 0.0000,

0.3225

0.0000

229.0513, 0.3375,
0.3229

■ 24.8305, 0.3650,
0.3157

■ 24.8305, 0.3650,
0.3157

■ 20.5257, 0.3913,
0.3110

■ 29.9590, 0.3435,
0.3204

■ 16.9982, 0.4229,
0.3068

■ 35.9473, 0.3260,
0.3250

■ 14.2024, 0.4598,
0.3036


■ 42.8339, 0.3119,
0.3293

■ 12.0867, 0.5005,
0.3023


■ 50.6535, 0.3004,
0.3332


■ 10.5923, 0.5423,
0.3036


■ 59.4393, 0.2911,
0.3368

 9.6508, 0.5804,
0.3081


 69.2228, 0.2834,
0.3401

 9.1298, 0.6107,
0.3144

 80.0340, 0.2772,
0.3430

 9.0992, 0.6125,
0.3148

 87.2137, 0.2711,
0.3380

 87.7415, 0.2671,
0.3289

Harmonies

Analogous

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



24.8305, 0.3310, 0.2897



24.8305, 0.3650, 0.3157



24.8305, 0.3845, 0.3459

Triad

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



24.8305, 0.3650, 0.3157



24.8305, 0.3285, 0.3933



24.8305, 0.2464, 0.2800

Complementary

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



24.8305, 0.3650, 0.3157



37.2088, 0.2774, 0.3429

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.



24.8305, 0.2459, 0.3052



24.8305, 0.3650, 0.3157



24.8305, 0.2919, 0.3737

Square

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



24.8305, 0.3650, 0.3157



24.8305, 0.3622, 0.3924



24.8305, 0.2621, 0.3400



24.8305, 0.2633, 0.2691

Rectangle

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



24.8305, 0.3650, 0.3157



24.8305, 0.3860, 0.3653



24.8305, 0.2621, 0.3400



24.8305, 0.2443, 0.2869

Sweetspot

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



24.8317, 0.3650, 0.3157



65.3782, 0.3257, 0.3251



25.1847, 0.3057, 0.2552



14.1625, 0.3280, 0.3244



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.



24.8317, 0.3650, 0.3157



39.9445, 0.3810, 0.3127



28.9407, 0.3696, 0.3531



8.0376, 0.3260, 0.3250



6.6041, 0.6101, 0.3135



0.1905, 0.5361, 0.2727

Inverse Universe

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



24.8317, 0.3650, 0.3157



39.9445, 0.3810, 0.3127



31.6748, 0.2684, 0.3034



8.0376, 0.3260, 0.3250



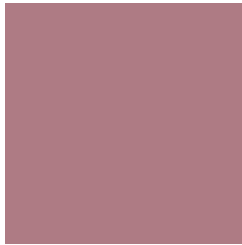
6.6041, 0.6101, 0.3135



0.1905, 0.5361, 0.2727

Previews

White Background



This preview shows how the Yxy color 24.8305, 0.3650, 0.3157 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 24.8305, 0.3650, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

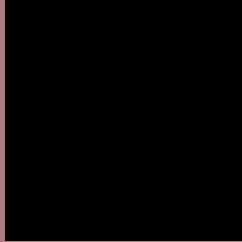
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8305, 0.3650, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 24.8305, 0.3650, 0.3157.



This preview shows how white text looks on a background with the Yxy color 24.8305, 0.3650, 0.3157.

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

24.8305, 0.3650, 0.3157

Protanopia

24.9050, 0.3108, 0.3223

Deuteranopia

24.8865, 0.3394, 0.3323



Tritanopia

24.8305, 0.3650, 0.3157

Trichromacy



Original Color

24.8305, 0.3650, 0.3157

Protanomaly

24.6181, 0.3294, 0.3193

Deuteranomaly

24.9163, 0.3486, 0.3260

Tritanomaly

24.8305, 0.3650, 0.3157

Monochromacy



Original Color

24.8305, 0.3650, 0.3157

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2280, 0.3313, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8305, 0.3650, 0.3157 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(174, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 123, 132)  
}
```

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(174, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 123, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.8305, 0.3650, 0.3157 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(174, 123, 132) }
```

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

```
.border{ border-color:rgb(174, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 123,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8305, 0.3650, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 123, 132) }
```

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

```
.background{ background-color: rgb(174,  
123, 132) }
```

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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