

Converting Colors

$Y_{xy}(25.0739, 0.3802, 0.3541)$

Have a look what the booklet for
Yxy(25.0739, 0.3802, 0.3541)
contains.

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Color

Yxy(24.9330, 0.3803, 0.3539)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A88070 |
| RGB | 168, 128, 112 |
| RGB Percent | 66%, 50%, 44% |
| CMY | 0.3411, 0.4980, 0.5608 |
| CMYK | 0.00, 0.24, 0.33, 0.34 |
| HSL | 17°, 24%, 55% |
| HSV | 17°, 33%, 66% |
| XYZ | 26.7929, 24.9330, 18.7262 |
| YIQ | 138.1360, 28.9760, 3.5040 |

Conversions

Conversions Part 2

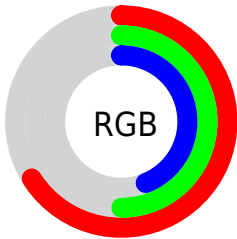
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 168, 134, 112 |
| Decimal | 11042928 |
| CIE _{Lab} | 57.01, 13.14, 14.66 |
| CIE _{LCh} | 57, 19.687, 48.117 |
| Yxy | 24.9330, 0.3803, 0.3539 |
| Android (android.graphics.Color) | 4289233008 (0xFFA88070) |
| YUV | 138.1360, -12.8850, 26.1907 |
| Hunter-Lab | 49.9330, 8.3965, 12.7178 |

Details

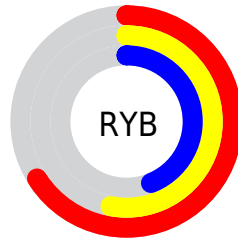
The Yxy color **24.9330, 0.3803, 0.3539** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.7263, 0.2630, 0.3024**, and the grayscale version is **25.5126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5754, 0.3652, 0.3490**, and **9.6070, 0.4067, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **21.6470, 0.4087, 0.3615**, and if you desaturate by 10%, it is **28.6614, 0.3559, 0.3461**.

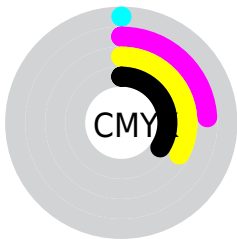
Distribution



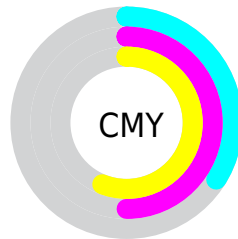
- Red (66%)
- Green (50%)
- Blue (44%)



- Red (66%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9330, 0.3803, 0.3539 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 24.9330, 0.3803, 0.3539 by changing the saturation by 10% instead.


 24.9330, 0.3803,
0.3539


 24.9330, 0.3803,
0.3539


277.5041, 0.3427,
0.3411


 16.0271, 0.3911,
0.3571


 51.5485, 0.3656,
0.3492

 9.5434, 0.4060,
0.3612


 70.0270, 0.3604,
0.3474

 5.0973, 0.4276,
0.3663

 92.4650, 0.3562,
0.3459

 2.3044, 0.4615,
0.3725

 119.2472, 0.3526,
0.3447

 0.7761, 0.5813,
0.4187

150.7578, 0.3495,
0.3436

 0.0000, 1.0000,
0.0000

187.3812, 0.3469,

 0.0000, 0.0000,

0.3426

0.0000

229.5018, 0.3447,
0.3418

■ 24.9330, 0.3803,
0.3539

■ 24.9330, 0.3803,
0.3539

■ 21.6470, 0.4087,
0.3615

■ 28.6614, 0.3559,
0.3461

■ 18.7830, 0.4410,
0.3683

■ 32.8443, 0.3353,
0.3385

■ 16.3245, 0.4767,
0.3735


■ 37.4981, 0.3179,
0.3313

■ 14.2521, 0.5139,
0.3758

■ 42.6370, 0.3032,
0.3246


■ 12.5450, 0.5497,
0.3743

■ 48.2746, 0.2909,
0.3185


 11.1798, 0.5806,
0.3683

 54.4241, 0.2805,
0.3129

 10.4416, 0.5984,
0.3631

 61.0982, 0.2716,
0.3078

 68.3090, 0.2640,
0.3031

 75.5290, 0.2614,
0.3076

Harmonies

Analogous

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



24.9330, 0.3684, 0.3260



24.9330, 0.3803, 0.3539



24.9330, 0.3728, 0.3775

Triad

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



24.9330, 0.3803, 0.3539



24.9330, 0.2835, 0.3606



24.9330, 0.2754, 0.2734

Complementary

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



24.9330, 0.3803, 0.3539



28.7263, 0.2630, 0.3024

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.



24.9330, 0.2551, 0.2791



24.9330, 0.3803, 0.3539



24.9330, 0.2596, 0.3283

Square

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



24.9330, 0.3803, 0.3539



24.9330, 0.3161, 0.3837



24.9330, 0.2495, 0.2984



24.9330, 0.3064, 0.2812

Rectangle

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



24.9330, 0.3803, 0.3539



24.9330, 0.3583, 0.3872



24.9330, 0.2495, 0.2984



24.9330, 0.2672, 0.2738

Sweetspot

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



24.9342, 0.3803, 0.3539



62.1690, 0.3295, 0.3362



22.1831, 0.3352, 0.2692



13.3092, 0.3319, 0.3372



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.



24.9342, 0.3803, 0.3539



40.7583, 0.4009, 0.3596



33.2288, 0.3671, 0.3943



7.8786, 0.3279, 0.3355



7.9622, 0.5966, 0.3645



0.2795, 0.5337, 0.4144

Inverse Universe

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



28.7263, 0.2630, 0.3024



48.6860, 0.2526, 0.2955



20.7185, 0.2569, 0.2538



8.1642, 0.2987, 0.3224



12.3655, 0.1986, 0.2350



0.3815, 0.2082, 0.2696

Previews

White Background



This preview shows how the Yxy color 24.9330, 0.3803, 0.3539 looks on a white background.

Color Contrast Check

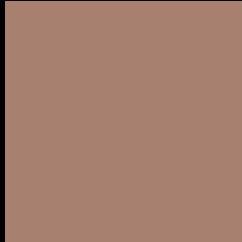
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9330, 0.3803, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

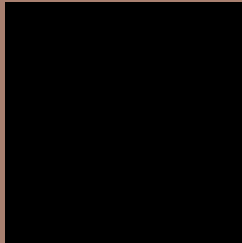
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9330, 0.3803, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 24.9330, 0.3803, 0.3539.



This preview shows how white text looks on a background with the Yxy color 24.9330, 0.3803, 0.3539.

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

24.9330, 0.3803, 0.3539

Protanopia

25.0816, 0.3430, 0.3645

Deuteranopia

25.0212, 0.3686, 0.3628



Tritanopia

24.9345, 0.3570, 0.3155

Trichromacy



Original Color

24.9330, 0.3803, 0.3539

Protanomaly

25.0603, 0.3559, 0.3602

Deuteranomaly

25.0617, 0.3727, 0.3608

Tritanomaly

24.8631, 0.3652, 0.3292

Monochromacy



Original Color

24.9330, 0.3803, 0.3539

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0247, 0.3354, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9330, 0.3803, 0.3539 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(168, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 112)  
}
```

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(168, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.9330, 0.3803, 0.3539 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(168, 128, 112) }
```

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

```
.border{ border-color:rgb(168, 128, 112) }
```

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

Here you see how a box with a 4 pixel rgb(168, 128, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9330, 0.3803, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 112) }
```

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

```
.background{ background-color: rgb(168,  
128, 112) }
```

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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