

Converting Colors

$Y_{xy}(25.8203, 0.3870, 0.3771)$

Have a look what the booklet for
Yxy(25.8203, 0.3870, 0.3771)
contains.

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Color

Yxy(25.8414, 0.3870, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	A68566
RGB	166, 133, 102
RGB Percent	65%, 52%, 40%
CMY	0.3490, 0.4784, 0.6001
CMYK	0.00, 0.20, 0.39, 0.35
HSL	29°, 26%, 53%
HSV	29°, 39%, 65%
XYZ	26.5128, 25.8414, 16.1543
YIQ	139.3330, 29.6190, -2.6450

Conversions

Conversions Part 2

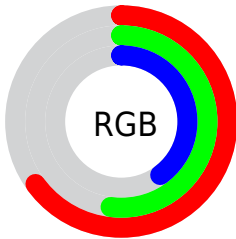
Format	Color
R_{YB}	166, 162, 102
Decimal	10913126
CIE _{Lab}	57.89, 8.22, 21.51
CIE _{LCh}	58, 23.029, 69.088
Yxy	25.8414, 0.3870, 0.3772
Android (android.graphics.Color)	4289103206 (0xFFA68566)
YUV	139.3330, -18.4052, 23.3870
Hunter-Lab	50.8344, 4.1367, 16.7428

Details

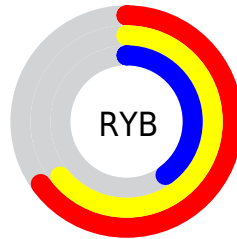
The Yxy color **25.8414, 0.3870, 0.3772** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.9017, 0.2523, 0.2749**, and the grayscale version is **26.0180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9473, 0.3713, 0.3679**, and **10.1272, 0.4135, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **23.2968, 0.4121, 0.3895**, and if you desaturate by 10%, it is **28.6453, 0.3643, 0.3643**.

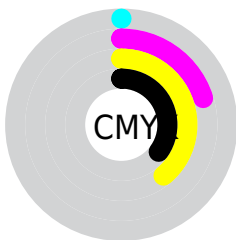
Distribution



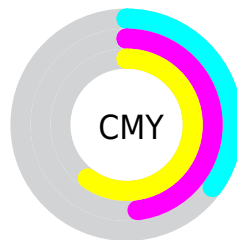
- Red (65%)
- Green (52%)
- Blue (40%)



- Red (65%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (35%)




- Cyan (35%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8414, 0.3870, 0.3772 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 25.8414, 0.3870, 0.3772 by changing the saturation by 10% instead.


 25.8414, 0.3870,
0.3772


 25.8414, 0.3870,
0.3772


282.0027, 0.3462,
0.3518


 16.7050, 0.3984,
0.3838


 53.0190, 0.3712,
0.3677


 10.0244, 0.4139,
0.3923


 71.8290, 0.3656,
0.3642

 5.4151, 0.4356,
0.4034

 94.6323, 0.3609,
0.3613

 2.4928, 0.4703,
0.4199

 121.8133, 0.3570,
0.3588

 0.8731, 0.5448,
0.4552

153.7565, 0.3537,
0.3567

 0.0000, 0.0000,
0.0000

190.8462, 0.3509,

0.3548

233.4668, 0.3484,
0.3532

■ 25.8414, 0.3870,
0.3772

■ 25.8414, 0.3870,
0.3772

■ 23.2968, 0.4121,
0.3895

■ 28.6453, 0.3643,
0.3643

■ 20.9995, 0.4390,
0.4003

■ 31.7130, 0.3440,
0.3515

■ 18.9415, 0.4668,
0.4085

■ 35.0531, 0.3262,
0.3391

■ 17.1130, 0.4941,
0.4128

■ 38.6731, 0.3106,
0.3274

■ 15.5031, 0.5191,
0.4123

■ 42.5798, 0.2971,
0.3165

■ 14.0958, 0.5409,
0.4070

■ 46.7798, 0.2852,
0.3064

■ 13.9091, 0.5441,
0.4062

■ 51.2797, 0.2750,
0.2971

■ 56.0856, 0.2660,
0.2886

■ 61.2036, 0.2582,
0.2809

Harmonies

Analogous

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



25.8414, 0.3892, 0.3476



25.8414, 0.3870, 0.3772



25.8414, 0.3641, 0.3965

Triad

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



25.8414, 0.3870, 0.3772



25.8414, 0.2584, 0.3395



25.8414, 0.2936, 0.2702

Complementary

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



25.8414, 0.3870, 0.3772



22.9017, 0.2523, 0.2749

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.



25.8414, 0.2612, 0.2656



25.8414, 0.3870, 0.3772



25.8414, 0.2419, 0.3026

Square

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



25.8414, 0.3870, 0.3772



25.8414, 0.2895, 0.3757



25.8414, 0.2429, 0.2764



25.8414, 0.3333, 0.2882

Rectangle

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



25.8414, 0.3870, 0.3772



25.8414, 0.3410, 0.3994



25.8414, 0.2429, 0.2764



25.8414, 0.2815, 0.2670

Sweetspot

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



25.8426, 0.3870, 0.3772



61.3369, 0.3324, 0.3435



19.3575, 0.3572, 0.2782



13.5571, 0.3346, 0.3451



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.



25.8426, 0.3870, 0.3772



43.0357, 0.4076, 0.3875



35.9581, 0.3698, 0.4212



8.1197, 0.3274, 0.3400



10.8769, 0.5426, 0.4073



0.3675, 0.4920, 0.4476

Inverse Universe

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



22.9017, 0.2523, 0.2749



36.9514, 0.2394, 0.2608



15.2861, 0.2437, 0.2164



7.9161, 0.2987, 0.3178



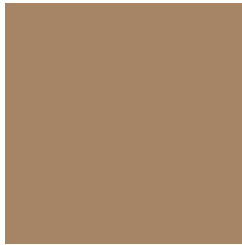
7.3376, 0.1794, 0.1658



0.2803, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 25.8414, 0.3870, 0.3772 looks on a white background.

Color Contrast Check

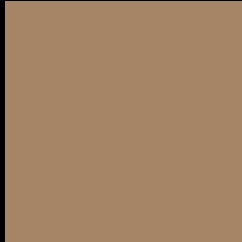
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8414, 0.3870, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

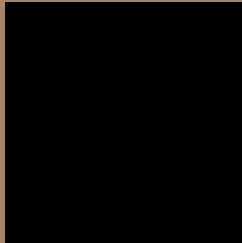
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8414, 0.3870, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 25.8414, 0.3870, 0.3772.



This preview shows how white text looks on a background with the Yxy color 25.8414, 0.3870, 0.3772.

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

25.8414, 0.3870, 0.3772

Protanopia

25.8747, 0.3601, 0.3854

Deuteranopia

25.7337, 0.3857, 0.3774



Tritanopia

25.8194, 0.3513, 0.3141

Trichromacy



Original Color

25.8414, 0.3870, 0.3772

Protanomaly

25.8594, 0.3693, 0.3826

Deuteranomaly

25.7337, 0.3857, 0.3774

Tritanomaly

25.8809, 0.3650, 0.3368

Monochromacy



Original Color

25.8414, 0.3870, 0.3772

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7872, 0.3380, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8414, 0.3870, 0.3772 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(166, 133, 102)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 102)  
}
```

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(166, 133, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 102) }
```

Border

The CSS property to change the border of an element to Yxy 25.8414, 0.3870, 0.3772 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(166, 133, 102) }
```

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

```
.border{ border-color:rgb(166, 133, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 133, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 102);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8414, 0.3870, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 102) }
```

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

```
.background{ background-color: rgb(166,  
133, 102) }
```

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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