

Converting Colors

$Y_{xy}(25.2273, 0.4103, 0.3812)$

Have a look what the booklet for
Yxy(25.2273, 0.4103, 0.3812)
contains.

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Color

Yxy(25.2273, 0.4103, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	AE805D
RGB	174, 128, 93
RGB Percent	68%, 50%, 36%
CMY	0.3176, 0.4980, 0.6352
CMYK	0.00, 0.26, 0.47, 0.32
HSL	26°, 33%, 52%
HSV	26°, 47%, 68%
XYZ	27.1531, 25.2273, 13.7982
YIQ	137.7640, 38.6510, -1.1330

Conversions

Conversions Part 2

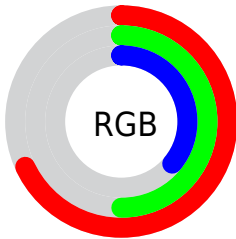
Format	Color
RYB	174, 155, 93
Decimal	11436125
CIELab	57.30, 13.37, 25.91
CIELCh	57, 29.161, 62.706
Yxy	25.2273, 0.4103, 0.3812
Android (android.graphics.Color)	4289626205 (0xFFAE805D)
YUV	137.7640, -22.0687, 31.7790
Hunter-Lab	50.2268, 8.6020, 18.8707

Details

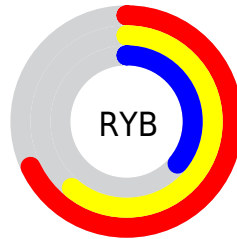
The Yxy color **25.2273, 0.4103, 0.3812** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.8593, 0.2410, 0.2687**, and the grayscale version is **25.3970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0503, 0.3890, 0.3715**, and **9.7112, 0.4449, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **22.4998, 0.4388, 0.3912**, and if you desaturate by 10%, it is **28.2787, 0.3842, 0.3700**.

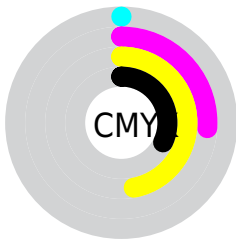
Distribution



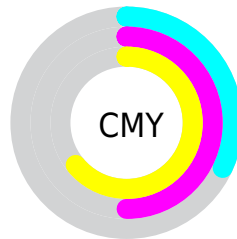
- Red (68%)
- Green (50%)
- Blue (36%)



- Red (68%)
- Yellow (61%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (32%)




- Cyan (32%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2273, 0.4103, 0.3812 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 25.2273, 0.4103, 0.3812 by changing the saturation by 10% instead.


 25.2273, 0.4103,
0.3812


 25.2273, 0.4103,
0.3812


278.9680, 0.3565,
0.3545


 16.2465, 0.4253,
0.3876


 52.0257, 0.3896,
0.3716


 9.6987, 0.4453,
0.3954


 70.6121, 0.3822,
0.3679

 5.1997, 0.4731,
0.4044

 93.1692, 0.3760,
0.3648

 2.3649, 0.5268,
0.4242

 120.0813, 0.3709,
0.3622

 0.8077, 0.5810,
0.4190

151.7328, 0.3665,
0.3599

 0.0000, 1.0000,
0.0000

188.5082, 0.3627,

 0.0000, 0.0000,

0.3579

0.0000

230.7918, 0.3594,
0.3561

■ 25.2273, 0.4103,
0.3812

■ 25.2273, 0.4103,
0.3812

■ 22.4998, 0.4388,
0.3912

■ 28.2787, 0.3842,
0.3700

■ 20.0806, 0.4689,
0.3988

■ 31.6616, 0.3610,
0.3584

■ 17.9580, 0.4991,
0.4028

■ 35.3877, 0.3407,
0.3469

■ 16.1178, 0.5274,
0.4020

■ 39.4673, 0.3230,
0.3359

■ 14.5431, 0.5518,
0.3961

■ 43.9099, 0.3077,
0.3255

■ 14.0529, 0.5598,
0.3937

■ 48.7247, 0.2945,
0.3159

■ 53.9207, 0.2831,
0.3071

■ 59.5064, 0.2733,
0.2990

■ 65.4900, 0.2647,
0.2916

Harmonies

Analogous

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



25.2273, 0.4074, 0.3425



25.2273, 0.4103, 0.3812



25.2273, 0.3854, 0.4108

Triad

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



25.2273, 0.4103, 0.3812



25.2273, 0.2507, 0.3526



25.2273, 0.2782, 0.2529

Complementary

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



25.2273, 0.4103, 0.3812



23.8593, 0.2410, 0.2687

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.



25.2273, 0.2412, 0.2505



25.2273, 0.4103, 0.3812



25.2273, 0.2263, 0.3035

Square

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



25.2273, 0.4103, 0.3812



25.2273, 0.2925, 0.3978



25.2273, 0.2232, 0.2674



25.2273, 0.3275, 0.2720

Rectangle

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



25.2273, 0.4103, 0.3812



25.2273, 0.3577, 0.4196



25.2273, 0.2232, 0.2674



25.2273, 0.2640, 0.2501

Sweetspot

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



25.2285, 0.4103, 0.3812



65.8224, 0.3364, 0.3443



18.7333, 0.3628, 0.2601



14.2924, 0.3403, 0.3467



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.



25.2285, 0.4103, 0.3812



40.5985, 0.4401, 0.3916



37.5243, 0.3842, 0.4329



8.5629, 0.3276, 0.3388



10.3047, 0.5580, 0.3952



0.3967, 0.5059, 0.4365

Inverse Universe

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



23.8593, 0.2410, 0.2687



37.7730, 0.2261, 0.2522



14.4545, 0.2283, 0.1977



8.4839, 0.2986, 0.3190



8.7884, 0.1843, 0.1835



0.3505, 0.1979, 0.2323

Previews

White Background



This preview shows how the Yxy color 25.2273, 0.4103, 0.3812 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 25.2273, 0.4103, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

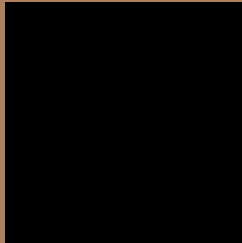
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2273, 0.4103, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 25.2273, 0.4103, 0.3812.



This preview shows how white text looks on a background with the Yxy color 25.2273, 0.4103, 0.3812.

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

25.2273, 0.4103, 0.3812

Protanopia

25.4296, 0.3691, 0.3971

Deuteranopia

25.2746, 0.3977, 0.3911



Tritanopia

25.2968, 0.3698, 0.3160

Trichromacy



Original Color

25.2273, 0.4103, 0.3812

Protanomaly

25.1638, 0.3834, 0.3900

Deuteranomaly

25.3301, 0.4020, 0.3887

Tritanomaly

25.3223, 0.3853, 0.3396

Monochromacy



Original Color

25.2273, 0.4103, 0.3812

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0346, 0.3455, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2273, 0.4103, 0.3812 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, 128, 93)` looks like.

```
.text, #text, p{  
    color:rgb(174, 128, 93)  
}
```

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, 128, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 128, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.2273, 0.4103, 0.3812 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, 128, 93) }
```

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

```
.border{ border-color:rgb(174, 128, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 128, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 128, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 128, 93);  
box-shadow:4px 4px 4px 4px rgb(174, 128,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2273, 0.4103, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 128, 93) }
```

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

```
.background{ background-color: rgb(174,  
128, 93) }
```

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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