

Converting Colors

$Y_{xy}(26.0469, 0.4361, 0.4301)$

Have a look what the booklet for
Yxy(26.0469, 0.4361, 0.4301)
contains.

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Color

Yxy(25.8826, 0.4363, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	AC853D
RGB	172, 133, 61
RGB Percent	67%, 52%, 24%
CMY	0.3255, 0.4784, 0.7609
CMYK	0.00, 0.23, 0.65, 0.33
HSL	39°, 48%, 46%
HSV	39°, 65%, 67%
XYZ	26.2435, 25.8826, 8.0240
YIQ	136.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

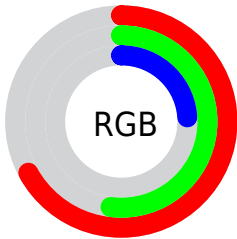
Format	Color
R_{YB}	121, 172, 61
Decimal	11306301
CIE _{Lab}	57.93, 6.94, 43.61
CIE _{LCh}	58, 44.156, 80.956
Yxy	25.8826, 0.4363, 0.4303
Android (android.graphics.Color)	4289496381 (0xFFAC853D)
YUV	136.4530, -37.1983, 31.1747
Hunter-Lab	50.8749, 3.0469, 26.2612

Details

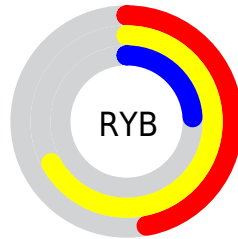
The Yxy color **25.8826, 0.4363, 0.4303** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.0806, 0.2053, 0.1928**, and the grayscale version is **24.9288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0885, 0.4125, 0.4127**, and **10.0734, 0.4705, 0.4548** is the 20% darker color. If you saturate the color by 10%, you get **24.1201, 0.4566, 0.4396**, and if you desaturate by 10%, it is **27.8023, 0.4150, 0.4175**.

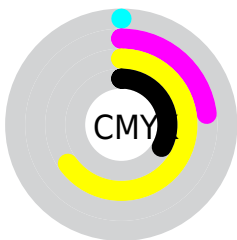
Distribution



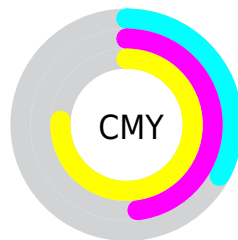
- Red (67%)
- Green (52%)
- Blue (24%)



- Red (47%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8826, 0.4363, 0.4303 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 25.8826, 0.4363, 0.4303 by changing the saturation by 10% instead.


 25.8826, 0.4363,
0.4303


 25.8826, 0.4363,
0.4303


282.2053, 0.3711,
0.3792

 16.7358, 0.4523,
0.4416


 53.0855, 0.4124,
0.4124


 10.0463, 0.4716,
0.4543


 71.9104, 0.4035,
0.4054


 5.4297, 0.5001,
0.4723

 94.7302, 0.3959,
0.3993

 2.5015, 0.5221,
0.4779

 121.9291, 0.3894,
0.3942

 0.8774, 0.5361,
0.4639

 153.8918, 0.3839,
0.3897

 0.0000, 0.0000,
0.0000

 191.0024, 0.3791,

0.3857

233.6454, 0.3748,
0.3823

■ 25.8826, 0.4363,
0.4303

■ 25.8826, 0.4363,
0.4303

■ 24.1201, 0.4566,
0.4396

■ 27.8023, 0.4150,
0.4175

■ 22.5034, 0.4747,
0.4445

■ 29.8820, 0.3937,
0.4024

■ 21.0251, 0.4900,
0.4444

■ 32.1291, 0.3731,
0.3859

■ 20.2678, 0.4976,
0.4431

■ 34.5493, 0.3537,
0.3690

■ 37.1478, 0.3358,
0.3522

■ 39.9297, 0.3196,
0.3361

■ 42.8996, 0.3050,
0.3208

■ 46.0621, 0.2919,
0.3065

■ 49.4215, 0.2803,
0.2933

Harmonies

Analogous

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



25.8826, 0.4616, 0.3778



25.8826, 0.4363, 0.4303



25.8826, 0.3790, 0.4644

Triad

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



25.8826, 0.4363, 0.4303



25.8826, 0.1977, 0.3152



25.8826, 0.3032, 0.2347

Complementary

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



25.8826, 0.4363, 0.4303



13.0806, 0.2053, 0.1928

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.



25.8826, 0.2377, 0.2163



25.8826, 0.4363, 0.4303



25.8826, 0.1830, 0.2533

Square

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



25.8826, 0.4363, 0.4303



25.8826, 0.2414, 0.3950



25.8826, 0.1967, 0.2211



25.8826, 0.3802, 0.2722

Rectangle

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



25.8826, 0.4363, 0.4303



25.8826, 0.3318, 0.4646



25.8826, 0.1967, 0.2211



25.8826, 0.2791, 0.2262

Sweetspot

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



25.8839, 0.4363, 0.4303



65.0876, 0.3442, 0.3602



13.0595, 0.4386, 0.2719



13.8635, 0.3492, 0.3649



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8839, 0.4363, 0.4303



42.6003, 0.4638, 0.4421



37.0322, 0.3858, 0.4836



8.8494, 0.3271, 0.3437



15.1874, 0.4966, 0.4439



0.5201, 0.4679, 0.4667

Inverse Universe

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



13.0806, 0.2053, 0.1928



17.7801, 0.1857, 0.1592



7.8414, 0.2019, 0.1311



8.2003, 0.2986, 0.3139



4.7491, 0.1654, 0.1154



0.2367, 0.1832, 0.1794

Previews

White Background



This preview shows how the Yxy color 25.8826, 0.4363, 0.4303 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 25.8826, 0.4363, 0.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

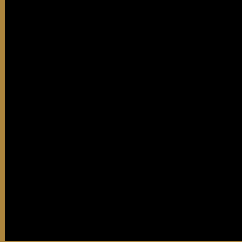
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8826, 0.4363, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 25.8826, 0.4363, 0.4303.



This preview shows how white text looks on a background with the Yxy color 25.8826, 0.4363, 0.4303.

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

25.8826, 0.4363, 0.4303

Protanopia

26.0836, 0.4077, 0.4469

Deuteranopia

25.9962, 0.4374, 0.4297



Tritanopia

25.8815, 0.3654, 0.3146

Trichromacy



Original Color

25.8826, 0.4363, 0.4303

Protanomaly

25.8162, 0.4185, 0.4407

Deuteranomaly

25.9962, 0.4374, 0.4297

Tritanomaly

25.7512, 0.3949, 0.3589

Monochromacy



Original Color

25.8826, 0.4363, 0.4303

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8216, 0.3574, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8826, 0.4363, 0.4303 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(172, 133, 61)` looks like.

```
.text, #text, p{  
    color:rgb(172, 133, 61)  
}
```

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(172, 133, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 133, 61) }
```

Border

The CSS property to change the border of an element to Yxy 25.8826, 0.4363, 0.4303 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(172, 133, 61) }
```

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

```
.border{ border-color:rgb(172, 133, 61) }
```

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

Here you see how a box with a 4 pixel rgb(172, 133, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 133, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 133, 61);  
box-shadow:4px 4px 4px 4px rgb(172, 133,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8826, 0.4363, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 133, 61) }
```

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

```
.background{ background-color: rgb(172,  
133, 61) }
```

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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