

Converting Colors

$Y_{xy}(25.5614, 0.4258, 0.4135)$

Have a look what the booklet for
Yxy(25.5614, 0.4258, 0.4135)
contains.

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Color

Yxy(25.4843, 0.4271, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	AC8349
RGB	172, 131, 73
RGB Percent	67%, 51%, 29%
CMY	0.3256, 0.4862, 0.7138
CMYK	0.00, 0.24, 0.58, 0.33
HSL	35°, 40%, 48%
HSV	35°, 58%, 67%
XYZ	26.3288, 25.4843, 9.8325
YIQ	136.6470, 43.0540, -9.3460

Conversions

Conversions Part 2

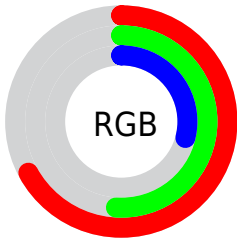
Format	Color
R_{YB}	143, 172, 73
Decimal	11305801
CIE Lab	57.54, 8.94, 37.07
CIE LCh	58, 38.134, 76.447
Yxy	25.4843, 0.4271, 0.4134
Android (android.graphics.Color)	4289495881 (0xFFAC8349)
YUV	136.6470, -31.3780, 31.0046
Hunter-Lab	50.4820, 4.7531, 23.7894

Details

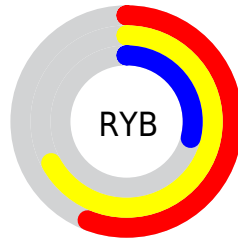
The Yxy color **25.4843, 0.4271, 0.4134** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.4190, 0.2191, 0.2220**, and the grayscale version is **24.9844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5340, 0.4043, 0.3981**, and **9.8911, 0.4630, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **23.4411, 0.4507, 0.4240**, and if you desaturate by 10%, it is **27.7244, 0.4037, 0.4001**.

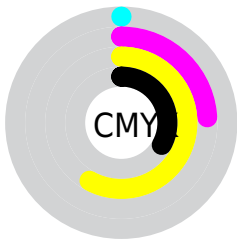
Distribution



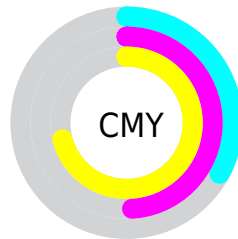
- Red (67%)
- Green (51%)
- Blue (29%)



- Red (56%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (58%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4843, 0.4271, 0.4134 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 25.4843, 0.4271, 0.4134 by changing the saturation by 10% instead.


 25.4843, 0.4271,
0.4134


 25.4843, 0.4271,
0.4134


280.2413, 0.3655,
0.3703

 16.4382, 0.4431,
0.4234


 52.4418, 0.4040,
0.3980

 9.8348, 0.4634,
0.4351


 71.1221, 0.3955,
0.3921


 5.2896, 0.4899,
0.4483

 93.7825, 0.3884,
0.3871

 2.4181, 0.5322,
0.4678

 120.8075, 0.3824,
0.3828

 0.8352, 0.5507,
0.4493

 152.5815, 0.3773,
0.3790

 0.0000, 0.0000,
0.0000

189.4889, 0.3728,

0.3757

231.9140, 0.3689,
0.3729

■ 25.4843, 0.4271,
0.4134

■ 25.4843, 0.4271,
0.4134

■ 23.4411, 0.4507,
0.4240

■ 27.7244, 0.4037,
0.4001

■ 21.5832, 0.4732,
0.4309

■ 30.1649, 0.3813,
0.3854

■ 19.9029, 0.4936,
0.4330

■ 32.8139, 0.3605,
0.3700

■ 18.3875, 0.5109,
0.4302

■ 35.6778, 0.3415,
0.3546

■ 18.0383, 0.5150,
0.4292

■ 38.7624, 0.3244,
0.3397

■ 42.0735, 0.3092,
0.3256

■ 45.6166, 0.2957,
0.3125

■ 49.3969, 0.2838,
0.3003

■ 53.4193, 0.2733,
0.2890

Harmonies

Analogous

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



25.4843, 0.4425, 0.3666



25.4843, 0.4271, 0.4134



25.4843, 0.3809, 0.4447

Triad

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



25.4843, 0.4271, 0.4134



25.4843, 0.2158, 0.3279



25.4843, 0.2952, 0.2417

Complementary

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



25.4843, 0.4271, 0.4134



16.4190, 0.2191, 0.2220

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.



25.4843, 0.2399, 0.2283



25.4843, 0.4271, 0.4134



25.4843, 0.1981, 0.2702

Square

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



25.4843, 0.4271, 0.4134



25.4843, 0.2588, 0.3954



25.4843, 0.2066, 0.2368



25.4843, 0.3619, 0.2732

Rectangle

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



25.4843, 0.4271, 0.4134



25.4843, 0.3404, 0.4474



25.4843, 0.2066, 0.2368



25.4843, 0.2748, 0.2350

Sweetspot

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



25.4855, 0.4271, 0.4134



64.8781, 0.3410, 0.3542



14.7525, 0.4092, 0.2690



13.8752, 0.3445, 0.3571



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.



25.4855, 0.4271, 0.4134



41.6008, 0.4569, 0.4263



37.8429, 0.3852, 0.4671



8.7660, 0.3272, 0.3423



13.5368, 0.5138, 0.4302



0.4811, 0.4783, 0.4584

Inverse Universe

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



16.4190, 0.2191, 0.2220



23.6413, 0.2003, 0.1935



9.5014, 0.2105, 0.1511



8.2813, 0.2986, 0.3154



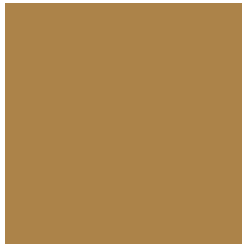
5.6906, 0.1703, 0.1332



0.2678, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 25.4843, 0.4271, 0.4134 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 25.4843, 0.4271, 0.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

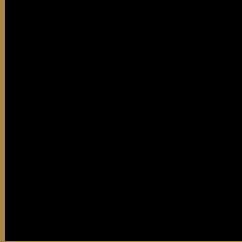
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4843, 0.4271, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 25.4843, 0.4271, 0.4134.



This preview shows how white text looks on a background with the Yxy color 25.4843, 0.4271, 0.4134.

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

25.4843, 0.4271, 0.4134

Protanopia

25.6624, 0.3934, 0.4298

Deuteranopia

25.5296, 0.4238, 0.4157



Tritanopia

25.4559, 0.3670, 0.3159

Trichromacy



Original Color

25.4843, 0.4271, 0.4134

Protanomaly

25.4872, 0.4052, 0.4237

Deuteranomaly

25.6415, 0.4250, 0.4152

Tritanomaly

25.4404, 0.3906, 0.3531

Monochromacy



Original Color

25.4843, 0.4271, 0.4134

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0269, 0.3530, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4843, 0.4271, 0.4134 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, 131, 73)` looks like.

```
.text, #text, p{  
    color:rgb(172, 131, 73)  
}
```

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, 131, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 131, 73) }
```

Border

The CSS property to change the border of an element to Yxy 25.4843, 0.4271, 0.4134 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, 131, 73) }
```

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

```
.border{ border-color:rgb(172, 131, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 131, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 131, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 131, 73);  
box-shadow:4px 4px 4px 4px rgb(172, 131,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4843, 0.4271, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 131, 73) }
```

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

```
.background{ background-color: rgb(172,  
131, 73) }
```

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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