

Converting Colors

$Y_{xy}(25.5694, 0.4254, 0.4135)$

Have a look what the booklet for
Yxy(25.5694, 0.4254, 0.4135)
contains.

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Color

Yxy(25.6549, 0.4240, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	AB844A
RGB	171, 132, 74
RGB Percent	67%, 52%, 29%
CMY	0.3294, 0.4823, 0.7097
CMYK	0.00, 0.23, 0.57, 0.33
HSL	36°, 40%, 48%
HSV	36°, 57%, 67%
XYZ	26.2809, 25.6549, 10.0475
YIQ	137.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

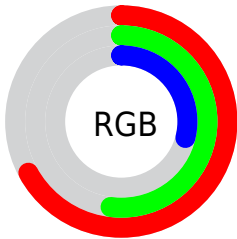
Format	Color
R _Y B	139, 171, 74
Decimal	11240522
CIE Lab	57.71, 8.03, 36.70
CIE LCh	58, 37.574, 77.656
Yxy	25.6549, 0.4240, 0.4139
Android (android.graphics.Color)	4289430602 (0xFFAB844A)
YUV	137.0490, -31.0832, 29.7750
Hunter-Lab	50.6507, 3.9790, 23.6942

Details

The Yxy color **25.6549, 0.4240, 0.4139** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.2062, 0.2200, 0.2217**, and the grayscale version is **25.1446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8112, 0.4021, 0.3984**, and **9.9786, 0.4586, 0.4361** is the 20% darker color. If you saturate the color by 10%, you get **23.6527, 0.4471, 0.4251**, and if you desaturate by 10%, it is **27.8451, 0.4010, 0.4002**.

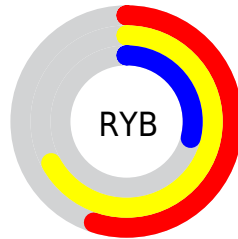
Distribution



Red (67%)

Green (52%)

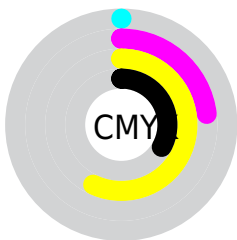
Blue (29%)



Red (55%)

Yellow (67%)

Blue (29%)

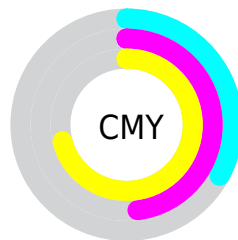


Cyan (0%)

Magenta (23%)

Yellow (57%)

Black (33%)



Cyan (33%)

Magenta (48%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6549, 0.4240, 0.4139 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 25.6549, 0.4240, 0.4139 by changing the saturation by 10% instead.


 25.6549, 0.4240,
0.4139


 25.6549, 0.4240,
0.4139


281.0839, 0.3642,
0.3703


 16.5656, 0.4395,
0.4241

 52.7177, 0.4016,
0.3983

 9.9253, 0.4593,
0.4362


 71.4600, 0.3933,
0.3923


 5.3495, 0.4848,
0.4501

 94.1888, 0.3864,
0.3872

 2.4537, 0.5276,
0.4724

 121.2885, 0.3806,
0.3829

 0.8533, 0.5441,
0.4559

 153.1435, 0.3756,
0.3791

 0.0000, 0.0000,
0.0000

190.1381, 0.3713,

0.3758

232.6567, 0.3675,
0.3729

■ 25.6549, 0.4240,
0.4139

■ 25.6549, 0.4240,
0.4139

■ 23.6527, 0.4471,
0.4251

■ 27.8451, 0.4010,
0.4002

■ 21.8271, 0.4693,
0.4325

■ 30.2265, 0.3790,
0.3851

■ 20.1711, 0.4893,
0.4353

■ 32.8067, 0.3586,
0.3694

■ 18.6734, 0.5062,
0.4331

■ 35.5917, 0.3399,
0.3538

■ 18.2098, 0.5116,
0.4320

■ 38.5873, 0.3230,
0.3387

■ 41.7988, 0.3080,
0.3244

■ 45.2313, 0.2946,
0.3111

■ 48.8900, 0.2828,
0.2987

■ 52.7794, 0.2724,
0.2873

Harmonies

Analogous

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



25.6549, 0.4405, 0.3682



25.6549, 0.4240, 0.4139



25.6549, 0.3777, 0.4434

Triad

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



25.6549, 0.4240, 0.4139



25.6549, 0.2161, 0.3254



25.6549, 0.2981, 0.2439

Complementary

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



25.6549, 0.4240, 0.4139



16.2062, 0.2200, 0.2217

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.



25.6549, 0.2429, 0.2299



25.6549, 0.4240, 0.4139



25.6549, 0.1997, 0.2695

Square

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



25.6549, 0.4240, 0.4139



25.6549, 0.2576, 0.3917



25.6549, 0.2090, 0.2375



25.6549, 0.3637, 0.2756

Rectangle

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



25.6549, 0.4240, 0.4139



25.6549, 0.3376, 0.4448



25.6549, 0.2090, 0.2375



25.6549, 0.2778, 0.2371

Sweetspot

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



25.6561, 0.4240, 0.4139



63.4474, 0.3409, 0.3547



14.7810, 0.4069, 0.2697



13.9282, 0.3444, 0.3577



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.



25.6561, 0.4240, 0.4139



41.5227, 0.4528, 0.4273



37.3943, 0.3844, 0.4654



8.7817, 0.3272, 0.3425



13.8341, 0.5105, 0.4329



0.4883, 0.4763, 0.4600

Inverse Universe

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



16.2062, 0.2200, 0.2217



23.0091, 0.2011, 0.1931



9.6375, 0.2122, 0.1539



8.2659, 0.2986, 0.3151



5.4987, 0.1694, 0.1297



0.2619, 0.1868, 0.1924

Previews

White Background



This preview shows how the Yxy color 25.6549, 0.4240, 0.4139 looks on a white background.

Color Contrast Check

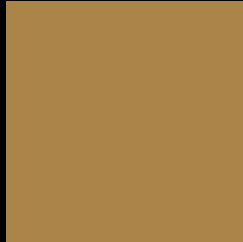
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6549, 0.4240, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

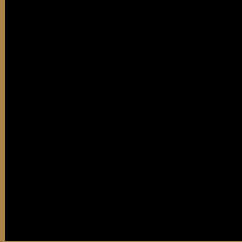
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6549, 0.4240, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 25.6549, 0.4240, 0.4139.



This preview shows how white text looks on a background with the Yxy color 25.6549, 0.4240, 0.4139.

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

25.6549, 0.4240, 0.4139

Protanopia

25.7593, 0.3946, 0.4294

Deuteranopia

25.5430, 0.4228, 0.4144



Tritanopia

25.6466, 0.3630, 0.3144

Trichromacy



Original Color

25.6549, 0.4240, 0.4139

Protanomaly

25.5899, 0.4064, 0.4232

Deuteranomaly

25.5430, 0.4228, 0.4144

Tritanomaly

25.6293, 0.3864, 0.3517

Monochromacy



Original Color

25.6549, 0.4240, 0.4139

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9324, 0.3518, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6549, 0.4240, 0.4139 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(171, 132, 74)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 74)  
}
```

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(171, 132, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 74) }
```

Border

The CSS property to change the border of an element to Yxy 25.6549, 0.4240, 0.4139 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(171, 132, 74) }
```

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

```
.border{ border-color:rgb(171, 132, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 74);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6549, 0.4240, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 74) }
```

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

```
.background{ background-color: rgb(171,  
132, 74) }
```

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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