

Converting Colors

$Y_{xy}(26.6233, 0.4140, 0.4083)$

Have a look what the booklet for
Yxy(26.6233, 0.4140, 0.4083)
contains.

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Color

Yxy(26.5800, 0.4144, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	AB8751
RGB	171, 135, 81
RGB Percent	67%, 53%, 32%
CMY	0.3294, 0.4706, 0.6823
CMYK	0.00, 0.21, 0.53, 0.33
HSL	36°, 36%, 49%
HSV	36°, 53%, 67%
XYZ	26.9441, 26.5800, 11.4955
YIQ	139.6080, 38.7900, -9.1620

Conversions

Conversions Part 2

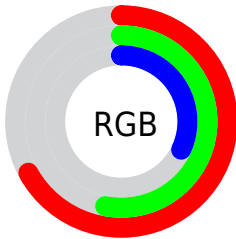
Format	Color
R_{YB}	141, 171, 81
Decimal	11241297
CIE _{Lab}	58.58, 6.98, 34.07
CIE _{LCh}	59, 34.773, 78.427
Yxy	26.5800, 0.4144, 0.4088
Android (android.graphics.Color)	4289431377 (0xFFAB8751)
YUV	139.6080, -28.8937, 27.5308
Hunter-Lab	51.5558, 3.0651, 22.8691

Details

The Yxy color $26.5800, 0.4144, 0.4088$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $17.4128, 0.2265, 0.2306$, and the grayscale version is $26.1692, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0991, 0.3940, 0.3942$, and $10.3255, 0.4474, 0.4301$ is the 20% darker color. If you saturate the color by 10%, you get $24.5084, 0.4375, 0.4212$, and if you desaturate by 10%, it is $28.8414, 0.3918, 0.3944$.

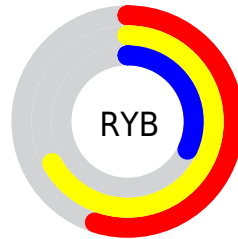
Distribution



Red (67%)

Green (53%)

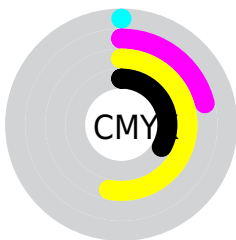
Blue (32%)



Red (55%)

Yellow (67%)

Blue (32%)

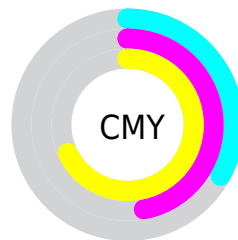


Cyan (0%)

Magenta (21%)

Yellow (53%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5800, 0.4144, 0.4088 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 26.5800, 0.4144, 0.4088 by changing the saturation by 10% instead.


 26.5800, 0.4144,
0.4088


 26.5800, 0.4144,
0.4088


285.6178, 0.3598,
0.3676


 17.2580, 0.4287,
0.4188


 54.2092, 0.3939,
0.3938


 10.4186, 0.4472,
0.4310


 73.2852, 0.3863,
0.3882


 5.6774, 0.4710,
0.4453

 96.3813, 0.3800,
0.3834

 2.6499, 0.5216,
0.4784

 123.8819, 0.3747,
0.3793

 0.9518, 0.5351,
0.4649

 156.1715, 0.3702,
0.3757

 0.0000, 1.0000,
0.0000

193.6344, 0.3662,

 0.0000, 0.0000,

0.3727

0.0000

236.6550, 0.3628,
0.3700

■ 26.5800, 0.4144,
0.4088

■ 26.5800, 0.4144,
0.4088

■ 24.5084, 0.4375,
0.4212

■ 28.8414, 0.3918,
0.3944

■ 22.6155, 0.4601,
0.4303

■ 31.2955, 0.3704,
0.3789

■ 20.8946, 0.4810,
0.4352

■ 33.9496, 0.3507,
0.3631

■ 19.3365, 0.4991,
0.4349

■ 36.8097, 0.3327,
0.3476

■ 18.2799, 0.5111,
0.4324

■ 39.8813, 0.3166,
0.3328

■ 43.1696, 0.3023,
0.3188

■ 46.6797, 0.2896,
0.3058

■ 50.4164, 0.2784,
0.2938

■ 54.3845, 0.2685,
0.2828

Harmonies

Analogous

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



26.5800, 0.4298, 0.3673



26.5800, 0.4144, 0.4088



26.5800, 0.3717, 0.4341

Triad

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



26.5800, 0.4144, 0.4088



26.5800, 0.2230, 0.3247



26.5800, 0.3011, 0.2508

Complementary

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



26.5800, 0.4144, 0.4088



17.4128, 0.2265, 0.2306

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.



26.5800, 0.2496, 0.2374



26.5800, 0.4144, 0.4088



26.5800, 0.2081, 0.2738

Square

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



26.5800, 0.4144, 0.4088



26.5800, 0.2612, 0.3846



26.5800, 0.2174, 0.2443



26.5800, 0.3610, 0.2808

Rectangle

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



26.5800, 0.4144, 0.4088



26.5800, 0.3347, 0.4339



26.5800, 0.2174, 0.2443



26.5800, 0.2823, 0.2443

Sweetspot

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



26.5813, 0.4144, 0.4088



64.0085, 0.3391, 0.3532



15.8280, 0.3994, 0.2755



14.0461, 0.3426, 0.3563



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.



26.5813, 0.4144, 0.4088



43.3693, 0.4409, 0.4228



37.4020, 0.3787, 0.4577



8.7844, 0.3272, 0.3426



13.8852, 0.5099, 0.4333



0.4895, 0.4760, 0.4603

Inverse Universe

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



17.4128, 0.2265, 0.2306



25.2371, 0.2084, 0.2044



10.9997, 0.2219, 0.1682



8.2633, 0.2986, 0.3150



5.4669, 0.1692, 0.1291



0.2609, 0.1867, 0.1919

Previews

White Background



This preview shows how the Yxy color 26.5800, 0.4144, 0.4088 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 26.5800, 0.4144, 0.4088 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 26.5800, 0.4144, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 26.5800, 0.4144, 0.4088.



This preview shows how white text looks on a background with the Yxy color 26.5800, 0.4144, 0.4088.

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

26.5800, 0.4144, 0.4088

Protanopia

26.6428, 0.3888, 0.4211

Deuteranopia

26.6927, 0.4156, 0.4084



Tritanopia

26.5034, 0.3584, 0.3145

Trichromacy



Original Color

26.5800, 0.4144, 0.4088

Protanomaly

26.6515, 0.3984, 0.4171

Deuteranomaly

26.6927, 0.4156, 0.4084

Tritanomaly

26.5156, 0.3801, 0.3501

Monochromacy



Original Color

26.5800, 0.4144, 0.4088

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0882, 0.3477, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5800, 0.4144, 0.4088 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, 135, 81)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 81)  
}
```

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, 135, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.5800, 0.4144, 0.4088 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, 135, 81) }
```

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

```
.border{ border-color:rgb(171, 135, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 81);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5800, 0.4144, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 81) }
```

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

```
.background{ background-color: rgb(171,  
135, 81) }
```

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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