

Converting Colors

$Y_{xy}(26.7514, 0.4040, 0.4129)$

Have a look what the booklet for
Yxy(26.7514, 0.4040, 0.4129)
contains.

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Color

Yxy(26.7855, 0.4039, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	A58A52
RGB	165, 138, 82
RGB Percent	65%, 54%, 32%
CMY	0.3530, 0.4588, 0.6785
CMYK	0.00, 0.16, 0.50, 0.35
HSL	41°, 34%, 48%
HSV	41°, 50%, 65%
XYZ	26.1257, 26.7855, 11.7724
YIQ	139.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

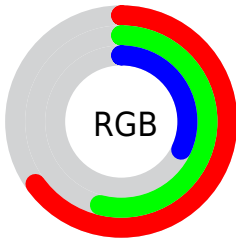
Format	Color
R_{YB}	122, 165, 82
Decimal	10848850
CIE Lab	58.78, 2.79, 33.64
CIE LCh	59, 33.759, 85.259
Yxy	26.7855, 0.4039, 0.4141
Android (android.graphics.Color)	4289038930 (0xFFA58A52)
YUV	139.6890, -28.4407, 22.1977
Hunter-Lab	51.7547, -0.4641, 22.7419

Details

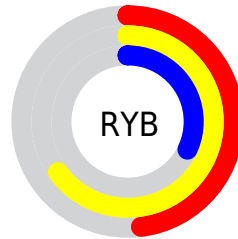
The Yxy color **26.7855, 0.4039, 0.4141** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.4377, 0.2283, 0.2240**, and the grayscale version is **26.2007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4571, 0.3865, 0.3977**, and **10.4803, 0.4331, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **25.0642, 0.4244, 0.4285**, and if you desaturate by 10%, it is **28.6457, 0.3835, 0.3978**.

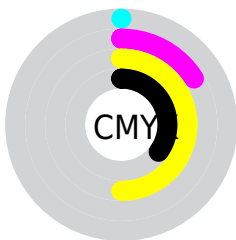
Distribution



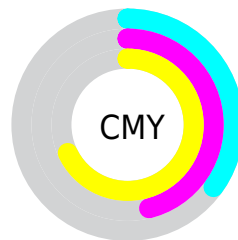
- Red (65%)
- Green (54%)
- Blue (32%)



- Red (48%)
- Yellow (65%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7855, 0.4039, 0.4141 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 26.7855, 0.4039, 0.4141 by changing the saturation by 10% instead.


 26.7855, 0.4039,
0.4141


 26.7855, 0.4039,
0.4141


286.6170, 0.3552,
0.3693


 17.4122, 0.4166,
0.4254


 54.5395, 0.3857,
0.3976

 10.5288, 0.4328,
0.4395


 73.6889, 0.3790,
0.3914


 5.7510, 0.4535,
0.4571

 96.8659, 0.3733,
0.3862

 2.6942, 0.5011,
0.4989

 124.4547, 0.3686,
0.3818

 0.9743, 0.5066,
0.4934

 156.8399, 0.3645,
0.3780

 0.0000, 0.0000,
0.0000

194.4057, 0.3610,

0.3747

237.5366, 0.3579,
0.3719

■ 26.7855, 0.4039,
0.4141

■ 26.7855, 0.4039,
0.4141

■ 25.0642, 0.4244,
0.4285

■ 28.6457, 0.3835,
0.3978

■ 23.4724, 0.4441,
0.4399

■ 30.6461, 0.3639,
0.3805

■ 22.0055, 0.4621,
0.4474

■ 32.7925, 0.3455,
0.3630

■ 20.6562, 0.4776,
0.4501

■ 35.0893, 0.3286,
0.3459

■ 19.4468, 0.4903,
0.4489

■ 37.5407, 0.3132,
0.3295

■ 40.1506, 0.2993,
0.3141

■ 42.9227, 0.2868,
0.2997

■ 45.8607, 0.2757,
0.2864

■ 48.9679, 0.2658,
0.2742

Harmonies

Analogous

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



26.7855, 0.4256, 0.3763



26.7855, 0.4039, 0.4141



26.7855, 0.3583, 0.4324

Triad

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



26.7855, 0.4039, 0.4141



26.7855, 0.2203, 0.3124



26.7855, 0.3146, 0.2584

Complementary

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



26.7855, 0.4039, 0.4141



15.4377, 0.2283, 0.2240

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.



26.7855, 0.2615, 0.2413



26.7855, 0.4039, 0.4141



26.7855, 0.2111, 0.2671

Square

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



26.7855, 0.4039, 0.4141



26.7855, 0.2527, 0.3700



26.7855, 0.2254, 0.2434



26.7855, 0.3720, 0.2906

Rectangle

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



26.7855, 0.4039, 0.4141



26.7855, 0.3215, 0.4265



26.7855, 0.2254, 0.2434



26.7855, 0.2956, 0.2508

Sweetspot

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



26.7868, 0.4039, 0.4141



60.7774, 0.3368, 0.3543



15.1482, 0.4029, 0.2862



13.1090, 0.3402, 0.3577



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.7868, 0.4039, 0.4141



44.6630, 0.4260, 0.4295



34.1076, 0.3703, 0.4549



7.8473, 0.3269, 0.3441



14.8081, 0.4894, 0.4496



0.3913, 0.4587, 0.4740

Inverse Universe

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



15.4377, 0.2283, 0.2240



22.1231, 0.2099, 0.1966



11.2253, 0.2326, 0.1787



7.2184, 0.2987, 0.3134



4.1072, 0.1636, 0.1090



0.1691, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 26.7855, 0.4039, 0.4141 looks on a white background.

Color Contrast Check

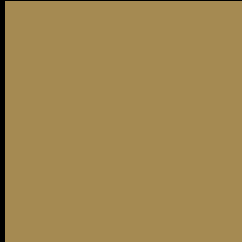
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7855, 0.4039, 0.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

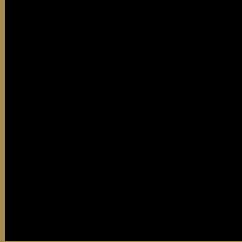
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7855, 0.4039, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 26.7855, 0.4039, 0.4141.



This preview shows how white text looks on a background with the Yxy color 26.7855, 0.4039, 0.4141.

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

26.7855, 0.4039, 0.4141

Protanopia

26.9391, 0.3881, 0.4224

Deuteranopia

26.7231, 0.4135, 0.4057



Tritanopia

26.7017, 0.3471, 0.3141

Trichromacy



Original Color

26.7855, 0.4039, 0.4141

Protanomaly

27.0452, 0.3936, 0.4193

Deuteranomaly

26.6679, 0.4092, 0.4083

Tritanomaly

26.7311, 0.3681, 0.3506

Monochromacy



Original Color

26.7855, 0.4039, 0.4141

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1867, 0.3450, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7855, 0.4039, 0.4141 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(165, 138, 82)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 82)  
}
```

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(165, 138, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 82) }
```

Border

The CSS property to change the border of an element to Yxy 26.7855, 0.4039, 0.4141 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(165, 138, 82) }
```

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

```
.border{ border-color:rgb(165, 138, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 82);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7855, 0.4039, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 82) }
```

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

```
.background{ background-color: rgb(165,  
138, 82) }
```

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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