

Converting Colors

$Y_{xy}(26.3533, 0.4034, 0.3939)$

Have a look what the booklet for
Yxy(26.3533, 0.4034, 0.3939)
contains.

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Color

Yxy(26.3516, 0.4034, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	AA865B
RGB	170, 134, 91
RGB Percent	67%, 53%, 36%
CMY	0.3334, 0.4745, 0.6431
CMYK	0.00, 0.21, 0.46, 0.33
HSL	33°, 32%, 51%
HSV	33°, 46%, 67%
XYZ	26.9871, 26.3516, 13.5605
YIQ	139.8620, 35.2590, -5.7410

Conversions

Conversions Part 2

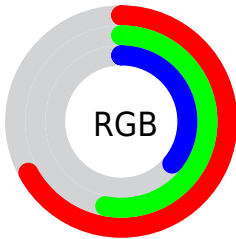
Format	Color
RYB	157, 170, 91
Decimal	11175515
CIELab	58.37, 8.07, 28.35
CIELCh	58, 29.473, 74.100
Yxy	26.3516, 0.4034, 0.3939
Android (android.graphics.Color)	4289365595 (0xFFAA865B)
YUV	139.8620, -24.0890, 26.4310
Hunter-Lab	51.3338, 4.0066, 20.2715

Details

The Yxy color **26.3516, 0.4034, 0.3939** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.2936, 0.2383, 0.2525**, and the grayscale version is **26.2541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8245, 0.3846, 0.3810**, and **10.2355, 0.4357, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **24.0299, 0.4280, 0.4065**, and if you desaturate by 10%, it is **28.8989, 0.3802, 0.3800**.

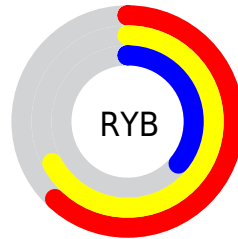
Distribution



Red (67%)

Green (53%)

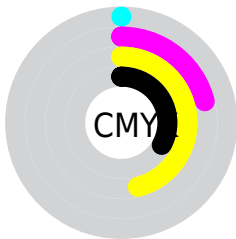
Blue (36%)



Red (62%)

Yellow (67%)

Blue (36%)

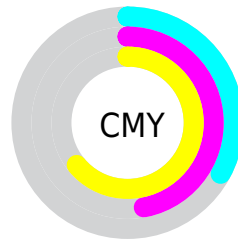


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3516, 0.4034, 0.3939 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 26.3516, 0.4034, 0.3939 by changing the saturation by 10% instead.


 26.3516, 0.4034,
0.3939


 26.3516, 0.4034,
0.3939

284.5038, 0.3541,
0.3601


 17.0869, 0.4168,
0.4024


 53.8416, 0.3846,
0.3815


 10.2964, 0.4344,
0.4129


 72.8357, 0.3778,
0.3768

 5.5959, 0.4583,
0.4260

 95.8417, 0.3722,
0.3729

 2.6010, 0.5057,
0.4537

 123.2439, 0.3674,
0.3696

 0.9272, 0.5427,
0.4573

155.4269, 0.3633,
0.3667

 0.0000, 1.0000,
0.0000

192.7749, 0.3598,

 0.0000, 0.0000,

0.3642

0.0000

235.6724, 0.3568,
0.3620

■ 26.3516, 0.4034,
0.3939

■ 26.3516, 0.4034,
0.3939

■ 24.0299, 0.4280,
0.4065

■ 28.8989, 0.3802,
0.3800

■ 21.9221, 0.4533,
0.4166

■ 31.6753, 0.3589,
0.3656

■ 20.0209, 0.4780,
0.4231

■ 34.6891, 0.3397,
0.3513

■ 18.3169, 0.5007,
0.4249

■ 37.9467, 0.3227,
0.3375

■ 16.7981, 0.5201,
0.4216

■ 41.4545, 0.3076,
0.3245

■ 16.2986, 0.5268,
0.4199

■ 45.2184, 0.2944,
0.3124

■ 49.2442, 0.2827,
0.3012

■ 53.5373, 0.2725,
0.2909

■ 58.1033, 0.2636,
0.2815

Harmonies

Analogous

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



26.3516, 0.4117, 0.3575



26.3516, 0.4034, 0.3939



26.3516, 0.3702, 0.4169

Triad

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



26.3516, 0.4034, 0.3939



26.3516, 0.2394, 0.3333



26.3516, 0.2961, 0.2586

Complementary

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



26.3516, 0.4034, 0.3939



20.2936, 0.2383, 0.2525

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.



26.3516, 0.2535, 0.2495



26.3516, 0.4034, 0.3939



26.3516, 0.2229, 0.2879

Square

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



26.3516, 0.4034, 0.3939



26.3516, 0.2752, 0.3823



26.3516, 0.2279, 0.2589



26.3516, 0.3469, 0.2830

Rectangle

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



26.3516, 0.4034, 0.3939



26.3516, 0.3395, 0.4186



26.3516, 0.2279, 0.2589



26.3516, 0.2804, 0.2537

Sweetspot

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



26.3529, 0.4034, 0.3939



64.2276, 0.3358, 0.3482



17.5798, 0.3765, 0.2735



14.0537, 0.3395, 0.3511



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.



26.3529, 0.4034, 0.3939



43.3921, 0.4294, 0.4071



37.7490, 0.3774, 0.4415



8.1939, 0.3273, 0.3413



12.1056, 0.5254, 0.4211



0.3949, 0.4819, 0.4556

Inverse Universe

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



20.2936, 0.2383, 0.2525



31.0129, 0.2217, 0.2311



12.7432, 0.2291, 0.1875



7.8422, 0.2987, 0.3164



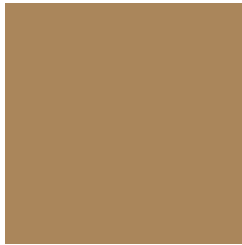
6.1903, 0.1740, 0.1462



0.2536, 0.1920, 0.2110

Previews

White Background



This preview shows how the Yxy color 26.3516, 0.4034, 0.3939 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 26.3516, 0.4034, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

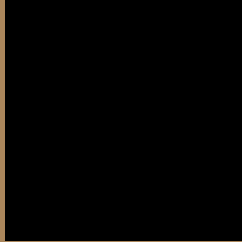
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3516, 0.4034, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 26.3516, 0.4034, 0.3939.



This preview shows how white text looks on a background with the Yxy color 26.3516, 0.4034, 0.3939.

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

26.3516, 0.4034, 0.3939

Protanopia

26.5333, 0.3743, 0.4054

Deuteranopia

26.2405, 0.4022, 0.3942



Tritanopia

26.2720, 0.3561, 0.3143

Trichromacy



Original Color

26.3516, 0.4034, 0.3939

Protanomaly

26.3382, 0.3854, 0.4003

Deuteranomaly

26.2405, 0.4022, 0.3942

Tritanomaly

26.2300, 0.3745, 0.3427

Monochromacy



Original Color

26.3516, 0.4034, 0.3939

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1614, 0.3444, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3516, 0.4034, 0.3939 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(170, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 91)  
}
```

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(170, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 91) }
```

Border

The CSS property to change the border of an element to Yxy 26.3516, 0.4034, 0.3939 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(170, 134, 91) }
```

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

```
.border{ border-color:rgb(170, 134, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 134, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3516, 0.4034, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 91) }
```

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

```
.background{ background-color: rgb(170,  
134, 91) }
```

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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