

Converting Colors

$Y_{xy}(26.1709, 0.4373, 0.3931)$

Have a look what the booklet for
Yxy(26.1709, 0.4373, 0.3931)
contains.

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Color

Yxy(26.0871, 0.4376, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	B97F51
RGB	185, 127, 81
RGB Percent	73%, 50%, 32%
CMY	0.2745, 0.5020, 0.6822
CMYK	0.00, 0.31, 0.56, 0.27
HSL	27°, 43%, 52%
HSV	27°, 56%, 73%
XYZ	29.0846, 26.0871, 11.2922
YIQ	139.0980, 49.3340, -2.0100

Conversions

Conversions Part 2

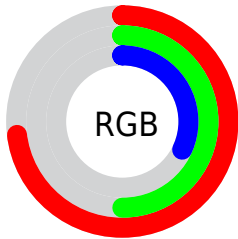
Format	Color
R_{YB}	185, 163, 81
Decimal	12156753
CIE _{Lab}	58.12, 17.45, 33.83
CIE _{LCh}	58, 38.064, 62.708
Yxy	26.0871, 0.4376, 0.3925
Android (android.graphics.Color)	4290346833 (0xFFB97F51)
YUV	139.0980, -28.6423, 40.2561
Hunter-Lab	51.0755, 12.2635, 22.6445

Details

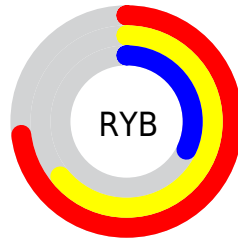
The Yxy color **26.0871, 0.4376, 0.3925** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.7300, 0.2264, 0.2512**, and the grayscale version is **25.9583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5143, 0.4123, 0.3822**, and **10.2314, 0.4798, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **23.3166, 0.4674, 0.4004**, and if you desaturate by 10%, it is **29.2090, 0.4093, 0.3822**.

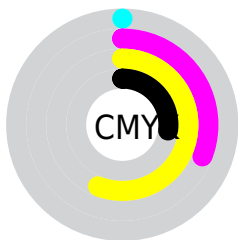
Distribution



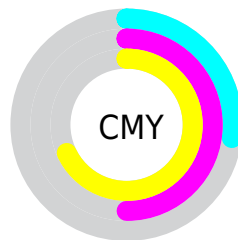
- Red (73%)
- Green (50%)
- Blue (32%)



- Red (73%)
- Yellow (64%)
- Blue (32%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (27%)





- Cyan (27%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0871, 0.4376, 0.3925 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 26.0871, 0.4376, 0.3925 by changing the saturation by 10% instead.


 26.0871, 0.4376,
0.3925


 26.0871, 0.4376,
0.3925


283.2094, 0.3697,
0.3616


 16.8888, 0.4557,
0.3990

 53.4154, 0.4119,
0.3819

 10.1552, 0.4793,
0.4061


 72.3143, 0.4025,
0.3777


 5.5020, 0.5104,
0.4126


 95.2154, 0.3947,
0.3740

 2.5447, 0.5709,
0.4291

 122.5032, 0.3881,
0.3709

 0.8990, 0.6022,
0.3978

 154.5621, 0.3825,
0.3681

 0.0000, 1.0000,
0.0000

191.7765, 0.3777,

 0.0000, 0.0000,

0.3657

0.0000

234.5308, 0.3734,
0.3635

■ 26.0871, 0.4376,
0.3925

■ 26.0871, 0.4376,
0.3925

■ 23.3166, 0.4674,
0.4004

■ 29.2090, 0.4093,
0.3822

■ 20.8791, 0.4972,
0.4046

■ 32.6918, 0.3835,
0.3707

■ 18.7599, 0.5251,
0.4041

■ 36.5494, 0.3604,
0.3588

■ 16.9406, 0.5490,
0.3983

■ 40.7936, 0.3401,
0.3470

■ 16.3190, 0.5576,
0.3954

■ 45.4359, 0.3224,
0.3357

■ 50.4869, 0.3072,
0.3251

■ 55.9569, 0.2940,
0.3152

■ 61.8561, 0.2826,
0.3062

■ 68.1939, 0.2728,
0.2979

Harmonies

Analogous

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



26.0871, 0.4352, 0.3437



26.0871, 0.4376, 0.3925



26.0871, 0.4042, 0.4325

Triad

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



26.0871, 0.4376, 0.3925



26.0871, 0.2333, 0.3590



26.0871, 0.2680, 0.2339

Complementary

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



26.0871, 0.4376, 0.3925



23.7300, 0.2264, 0.2512

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.



26.0871, 0.2225, 0.2301



26.0871, 0.4376, 0.3925



26.0871, 0.2039, 0.2945

Square

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



26.0871, 0.4376, 0.3925



26.0871, 0.2854, 0.4201



26.0871, 0.2005, 0.2497



26.0871, 0.3310, 0.2575

Rectangle

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



26.0871, 0.4376, 0.3925



26.0871, 0.3683, 0.4463



26.0871, 0.2005, 0.2497



26.0871, 0.2504, 0.2302

Sweetspot

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



26.0884, 0.4376, 0.3925



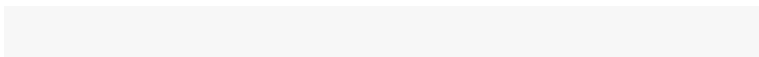
72.2025, 0.3421, 0.3482



18.0964, 0.3813, 0.2492



15.2314, 0.3460, 0.3505



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.0884, 0.4376, 0.3925



40.8844, 0.4731, 0.4015



42.7813, 0.3970, 0.4537



9.6482, 0.3277, 0.3391



11.2511, 0.5555, 0.3971



0.5204, 0.5118, 0.4319

Inverse Universe

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



23.7300, 0.2264, 0.2512



36.2037, 0.2109, 0.2310



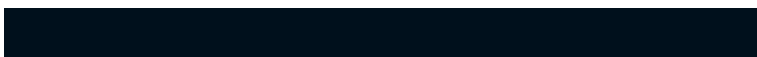
12.2267, 0.2077, 0.1624



9.5280, 0.2985, 0.3186



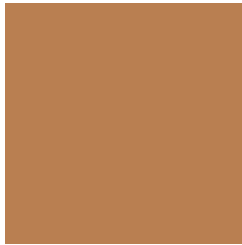
9.1659, 0.1832, 0.1796



0.4443, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 26.0871, 0.4376, 0.3925 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 26.0871, 0.4376, 0.3925 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 26.0871, 0.4376, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 26.0871, 0.4376, 0.3925.



This preview shows how white text looks on a background with the Yxy color 26.0871, 0.4376, 0.3925.

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

26.0871, 0.4376, 0.3925

Protanopia

26.2004, 0.3842, 0.4160

Deuteranopia

26.2873, 0.4162, 0.4088



Tritanopia

26.1053, 0.3864, 0.3167

Trichromacy



Original Color

26.0871, 0.4376, 0.3925

Protanomaly

25.9674, 0.4042, 0.4071

Deuteranomaly

26.0419, 0.4247, 0.4026

Tritanomaly

26.0271, 0.4072, 0.3447

Monochromacy



Original Color

26.0871, 0.4376, 0.3925

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7039, 0.3557, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0871, 0.4376, 0.3925 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(185, 127, 81)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 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(185, 127, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.0871, 0.4376, 0.3925 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(185, 127, 81) }
```

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

```
.border{ border-color:rgb(185, 127, 81) }
```

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

Here you see how a box with a 4 pixel rgb(185, 127, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 81);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0871, 0.4376, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 81) }
```

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

```
.background{ background-color: rgb(185,  
127, 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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