

Converting Colors

$Y_{xy}(26.7339, 0.4237, 0.4075)$

Have a look what the booklet for
Yxy(26.7339, 0.4237, 0.4075)
contains.

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Color

Yxy(26.8448, 0.4231, 0.4080)

Conversions

Conversions Part 1

Format	Color
Hex	B0864F
RGB	176, 134, 79
RGB Percent	69%, 53%, 31%
CMY	0.3099, 0.4745, 0.6902
CMYK	0.00, 0.24, 0.55, 0.31
HSL	34°, 38%, 50%
HSV	34°, 55%, 69%
XYZ	27.8383, 26.8448, 11.1130
YIQ	140.2880, 42.6870, -8.2010

Conversions

Conversions Part 2

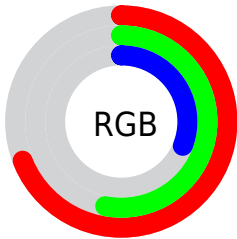
Format	Color
R_{YB}	153, 176, 79
Decimal	11568719
CIE _{Lab}	58.83, 9.51, 35.55
CIE _{LCh}	59, 36.801, 75.030
Yxy	26.8448, 0.4231, 0.4080
Android (android.graphics.Color)	4289758799 (0xFFB0864F)
YUV	140.2880, -30.2150, 31.3194
Hunter-Lab	51.8120, 5.2362, 23.5515

Details

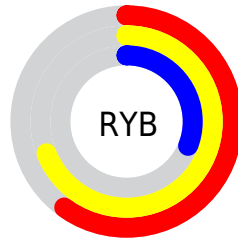
The Yxy color **26.8448, 0.4231, 0.4080** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4668, 0.2236, 0.2307**, and the grayscale version is **26.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6181, 0.4014, 0.3939**, and **10.6662, 0.4579, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **24.5923, 0.4475, 0.4190**, and if you desaturate by 10%, it is **29.3194, 0.3992, 0.3947**.

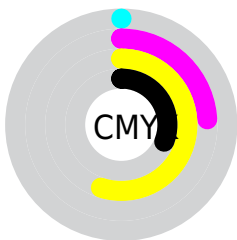
Distribution



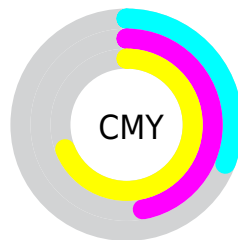
- Red (69%)
- Green (53%)
- Blue (31%)



- Red (60%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8448, 0.4231, 0.4080 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 26.8448, 0.4231, 0.4080 by changing the saturation by 10% instead.


 26.8448, 0.4231,
0.4080


 26.8448, 0.4231,
0.4080


286.9049, 0.3639,
0.3679


 17.4567, 0.4385,
0.4173


 54.6347, 0.4009,
0.3937


 10.5606, 0.4583,
0.4284


 73.8053, 0.3927,
0.3882

 5.7722, 0.4838,
0.4407

 97.0056, 0.3859,
0.3835

 2.7071, 0.5333,
0.4667

 124.6198, 0.3801,
0.3795

 0.9808, 0.5509,
0.4491

 157.0325, 0.3752,
0.3760

 0.0000, 1.0000,
0.0000

194.6279, 0.3709,

 0.0000, 0.0000,

0.3729

0.0000

237.7906, 0.3672,
0.3703

■ 26.8448, 0.4231,
0.4080

■ 26.8448, 0.4231,
0.4080

■ 24.5923, 0.4475,
0.4190

■ 29.3194, 0.3992,
0.3947

■ 22.5494, 0.4713,
0.4265

■ 32.0202, 0.3767,
0.3801

■ 20.7077, 0.4933,
0.4293

■ 34.9559, 0.3560,
0.3651

■ 19.0561, 0.5120,
0.4270

■ 38.1335, 0.3372,
0.3502

■ 18.3070, 0.5207,
0.4248

■ 41.5596, 0.3205,
0.3360

■ 45.2405, 0.3057,
0.3225

■ 49.1823, 0.2926,
0.3100

■ 53.3907, 0.2811,
0.2984

■ 57.8714, 0.2710,
0.2878

Harmonies

Analogous

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



26.8448, 0.4357, 0.3632



26.8448, 0.4231, 0.4080



26.8448, 0.3805, 0.4381

Triad

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



26.8448, 0.4231, 0.4080



26.8448, 0.2218, 0.3313



26.8448, 0.2934, 0.2446

Complementary

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



26.8448, 0.4231, 0.4080



18.4668, 0.2236, 0.2307

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.



26.8448, 0.2414, 0.2327



26.8448, 0.4231, 0.4080



26.8448, 0.2035, 0.2756

Square

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



26.8448, 0.4231, 0.4080



26.8448, 0.2641, 0.3945



26.8448, 0.2105, 0.2422



26.8448, 0.3565, 0.2741

Rectangle

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



26.8448, 0.4231, 0.4080



26.8448, 0.3423, 0.4413



26.8448, 0.2105, 0.2422



26.8448, 0.2742, 0.2385

Sweetspot

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



26.8461, 0.4231, 0.4080



67.8737, 0.3412, 0.3534



16.2027, 0.4005, 0.2687



14.4630, 0.3447, 0.3563



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.8461, 0.4231, 0.4080



43.8207, 0.4525, 0.4209



40.1012, 0.3845, 0.4615



9.2784, 0.3273, 0.3419



13.5530, 0.5193, 0.4259



0.5398, 0.4845, 0.4535

Inverse Universe

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



18.4668, 0.2236, 0.2307



27.1283, 0.2055, 0.2044



10.6808, 0.2137, 0.1583



8.8150, 0.2985, 0.3157



6.2222, 0.1719, 0.1387



0.3126, 0.1874, 0.1946

Previews

White Background



This preview shows how the Yxy color 26.8448, 0.4231, 0.4080 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 26.8448, 0.4231, 0.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

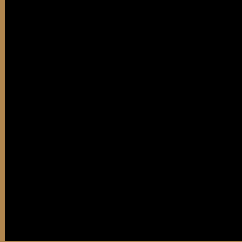
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8448, 0.4231, 0.4080

Background



This preview shows how black text looks on a background with the Yxy color 26.8448, 0.4231, 0.4080.



This preview shows how white text looks on a background with the Yxy color 26.8448, 0.4231, 0.4080.

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

26.8448, 0.4231, 0.4080

Protanopia

27.0231, 0.3903, 0.4235

Deuteranopia

26.7767, 0.4188, 0.4106



Tritanopia

26.8086, 0.3659, 0.3148

Trichromacy



Original Color

26.8448, 0.4231, 0.4080

Protanomaly

26.8458, 0.4018, 0.4177

Deuteranomaly

26.8911, 0.4199, 0.4102

Tritanomaly

26.8099, 0.3877, 0.3497

Monochromacy



Original Color

26.8448, 0.4231, 0.4080

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2573, 0.3511, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8448, 0.4231, 0.4080 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(176, 134, 79)` looks like.

```
.text, #text, p{  
    color:rgb(176, 134, 79)  
}
```

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(176, 134, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 134, 79) }
```

Border

The CSS property to change the border of an element to Yxy 26.8448, 0.4231, 0.4080 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(176, 134, 79) }
```

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

```
.border{ border-color:rgb(176, 134, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 134, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 134, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 134, 79);  
box-shadow:4px 4px 4px 4px rgb(176, 134,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8448, 0.4231, 0.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 134, 79) }
```

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

```
.background{ background-color: rgb(176,  
134, 79) }
```

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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