

Converting Colors

$Yxy(26.5985, 0.3426, 0.4186)$

Have a look what the booklet for
Yxy(26.5985, 0.3426, 0.4186)
contains.

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Color

Yxy(26.7100, 0.3416, 0.4185)

Conversions

Conversions Part 1

Format	Color
Hex	819461
RGB	129, 148, 97
RGB Percent	51%, 58%, 38%
CMY	0.4941, 0.4196, 0.6197
CMYK	0.13, 0.00, 0.34, 0.42
HSL	82°, 21%, 48%
HSV	82°, 34%, 58%
XYZ	21.8020, 26.7100, 15.3112
YIQ	136.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

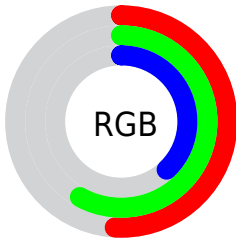
Format	Color
R_{YB}	97, 148, 116
Decimal	8492129
CIE _{Lab}	58.70, -15.93, 24.80
CIE _{LCh}	59, 29.476, 122.720
Yxy	26.7100, 0.3416, 0.4185
Android (android.graphics.Color)	4286682209 (0xFF819461)
YUV	136.5050, -19.4760, -6.5819
Hunter-Lab	51.6817, -15.1426, 18.6120

Details

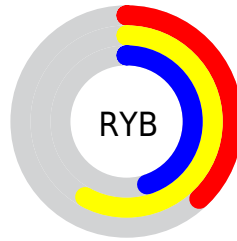
The Yxy color **26.7100, 0.3416, 0.4185** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.3951, 0.2751, 0.2355**, and the grayscale version is **24.8942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3243, 0.3360, 0.3989**, and **10.4419, 0.3492, 0.4516** is the 20% darker color. If you saturate the color by 10%, you get **26.0406, 0.3488, 0.4461**, and if you desaturate by 10%, it is **27.4565, 0.3336, 0.3911**.

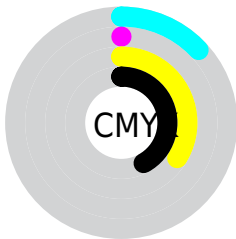
Distribution



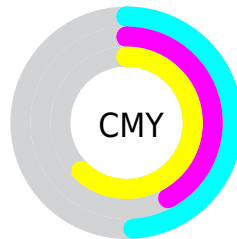
- Red (51%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (45%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)





- Cyan (49%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7100, 0.3416, 0.4185 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 26.7100, 0.3416, 0.4185 by changing the saturation by 10% instead.


 26.7100, 0.3416,
0.4185

 26.7100, 0.3416,
0.4185


286.2502, 0.3270,
0.3682


 17.3555, 0.3451,
0.4331


 54.4182, 0.3363,
0.3988


 10.4883, 0.3492,
0.4532


 73.5407, 0.3343,
0.3918

 5.7239, 0.3538,
0.4823

 96.6879, 0.3326,
0.3861

 2.6779, 0.3621,
0.5340

 124.2444, 0.3312,
0.3813

 0.9660, 0.3530,
0.6470

156.5945, 0.3299,
0.3773

 0.0000, 0.0000,
0.0000

194.1226, 0.3288,

0.3739

237.2130, 0.3278,
0.3709

■ 26.7100, 0.3416,
0.4185

■ 26.7100, 0.3416,
0.4185

■ 26.0406, 0.3488,
0.4461

■ 27.4565, 0.3336,
0.3911

■ 25.4416, 0.3547,
0.4729

■ 28.2796, 0.3251,
0.3646

■ 24.9105, 0.3589,
0.4976


■ 29.1833, 0.3165,
0.3396


■ 24.4436, 0.3611,
0.5192

■ 30.1702, 0.3081,
0.3164

■ 24.0363, 0.3608,
0.5365

■ 31.2428, 0.2999,
0.2951

 23.6833, 0.3583,
0.5491

 32.4036, 0.2922,
0.2757

 23.5034, 0.3566,
0.5551

 33.6548, 0.2850,
0.2582

 34.9987, 0.2782,
0.2425

 36.4373, 0.2719,
0.2283

Harmonies

Analogous

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



26.7100, 0.3848, 0.4102



26.7100, 0.3416, 0.4185



26.7100, 0.2927, 0.3972

Triad

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



26.7100, 0.3416, 0.4185



26.7100, 0.2239, 0.2679



26.7100, 0.3757, 0.3040

Complementary

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



26.7100, 0.3416, 0.4185



14.3951, 0.2751, 0.2355

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.



26.7100, 0.3274, 0.2724



26.7100, 0.3416, 0.4185



26.7100, 0.2418, 0.2511

Square

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



26.7100, 0.3416, 0.4185



26.7100, 0.2270, 0.3037



26.7100, 0.2785, 0.2535



26.7100, 0.4066, 0.3425

Rectangle

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



26.7100, 0.3416, 0.4185



26.7100, 0.2635, 0.3688



26.7100, 0.2785, 0.2535



26.7100, 0.3607, 0.2924

Sweetspot

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



26.7112, 0.3416, 0.4185



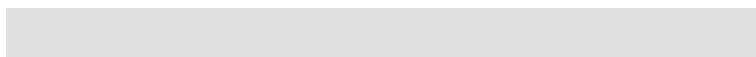
50.5609, 0.3214, 0.3537



19.5780, 0.3800, 0.3615



11.4961, 0.3225, 0.3570



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.7112, 0.3416, 0.4185



46.2483, 0.3470, 0.4388



24.9730, 0.3147, 0.4265



6.6379, 0.3206, 0.3512



20.0914, 0.3569, 0.5548



0.2628, 0.3862, 0.5316

Inverse Universe

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



14.3951, 0.2751, 0.2355



21.2987, 0.2650, 0.2131



16.3645, 0.3076, 0.2439



5.7318, 0.3044, 0.3065



2.5363, 0.1824, 0.0778



0.0468, 0.2314, 0.1049

Previews

White Background



This preview shows how the Yxy color 26.7100, 0.3416, 0.4185 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 26.7100, 0.3416, 0.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

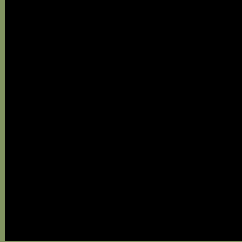
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7100, 0.3416, 0.4185

Background



This preview shows how black text looks on a background with the Yxy color 26.7100, 0.3416, 0.4185.



This preview shows how white text looks on a background with the Yxy color 26.7100, 0.3416, 0.4185.

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

26.7100, 0.3416, 0.4185

Protanopia

26.6302, 0.3754, 0.4051

Deuteranopia

26.5729, 0.3904, 0.3827



Tritanopia

26.6351, 0.2978, 0.3110

Trichromacy



Original Color

26.7100, 0.3416, 0.4185

Protanomaly

26.7020, 0.3623, 0.4109

Deuteranomaly

26.5270, 0.3720, 0.3954

Tritanomaly

26.6808, 0.3139, 0.3494

Monochromacy



Original Color

26.7100, 0.3416, 0.4185

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5232, 0.3243, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7100, 0.3416, 0.4185 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(129, 148, 97)` looks like.

```
.text, #text, p{  
    color:rgb(129, 148, 97)  
}
```

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(129, 148, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 148, 97) }
```

Border

The CSS property to change the border of an element to Yxy 26.7100, 0.3416, 0.4185 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(129, 148, 97) }
```

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

```
.border{ border-color:rgb(129, 148, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 148, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 148, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 148, 97);  
box-shadow:4px 4px 4px 4px rgb(129, 148,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7100, 0.3416, 0.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 148, 97) }
```

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

```
.background{ background-color: rgb(129,  
148, 97) }
```

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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