

Converting Colors

$Y_{xy}(27.0878, 0.4116, 0.3941)$

Have a look what the booklet for
Yxy(27.0878, 0.4116, 0.3941)
contains.

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Color

Yxy(27.0185, 0.4116, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	B0865A
RGB	176, 134, 90
RGB Percent	69%, 53%, 35%
CMY	0.3098, 0.4745, 0.6470
CMYK	0.00, 0.24, 0.49, 0.31
HSL	31°, 35%, 52%
HSV	31°, 49%, 69%
XYZ	28.2757, 27.0185, 13.4028
YIQ	141.5420, 39.1560, -4.7800

Conversions

Conversions Part 2

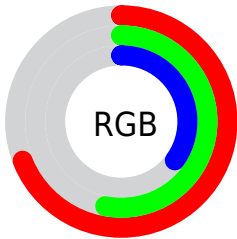
Format	Color
R_{YB}	172, 176, 90
Decimal	11568730
CIE _{Lab}	58.99, 10.54, 29.81
CIE _{LCh}	59, 31.616, 70.523
Yxy	27.0185, 0.4116, 0.3933
Android (android.graphics.Color)	4289758810 (0xFFB0865A)
YUV	141.5420, -25.4102, 30.2197
Hunter-Lab	51.9793, 6.1364, 21.0977

Details

The Yxy color **27.0185, 0.4116, 0.3933** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.8171, 0.2352, 0.2527**, and the grayscale version is **26.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7874, 0.3907, 0.3810**, and **10.5800, 0.4455, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **24.4739, 0.4377, 0.4047**, and if you desaturate by 10%, it is **29.8299, 0.3870, 0.3804**.

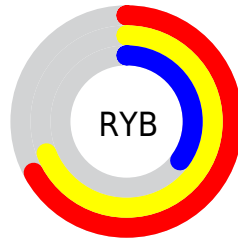
Distribution



Red (69%)

Green (53%)

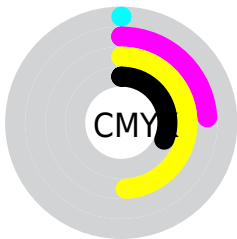
Blue (35%)



Red (67%)

Yellow (69%)

Blue (35%)

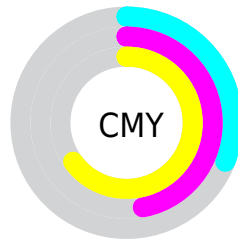


Cyan (0%)

Magenta (24%)

Yellow (49%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0185, 0.4116, 0.3933 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 27.0185, 0.4116, 0.3933 by changing the saturation by 10% instead.


 27.0185, 0.4116,
0.3933


 27.0185, 0.4116,
0.3933


287.7467, 0.3580,
0.3604


 17.5871, 0.4260,
0.4012


 54.9136, 0.3913,
0.3814


 10.6540, 0.4450,
0.4109


 74.1460, 0.3839,
0.3769


 5.8347, 0.4704,
0.4223

 97.4143, 0.3777,
0.3731

 2.7448, 0.5199,
0.4467

 125.1028, 0.3725,
0.3698

 1.0000, 0.5571,
0.4429

 157.5959, 0.3681,
0.3670

 0.0000, 1.0000,
0.0000

195.2779, 0.3643,

 0.0000, 0.0000,

0.3645

0.0000

238.5334, 0.3610,
0.3623

■ 27.0185, 0.4116,
0.3933

■ 27.0185, 0.4116,
0.3933

■ 24.4739, 0.4377,
0.4047

■ 29.8299, 0.3870,
0.3804

■ 22.1825, 0.4645,
0.4133

■ 32.9132, 0.3646,
0.3668

■ 20.1351, 0.4905,
0.4180

■ 36.2781, 0.3445,
0.3532

■ 18.3201, 0.5141,
0.4177

■ 39.9327, 0.3267,
0.3400

■ 16.7200, 0.5345,
0.4126

■ 43.8847, 0.3110,
0.3276

■ 16.5475, 0.5368,
0.4120

■ 48.1414, 0.2973,
0.3160

■ 52.7097, 0.2854,
0.3053

■ 57.5966, 0.2750,
0.2954

■ 62.8086, 0.2658,
0.2864

Harmonies

Analogous

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



27.0185, 0.4170, 0.3538



27.0185, 0.4116, 0.3933



27.0185, 0.3787, 0.4206

Triad

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



27.0185, 0.4116, 0.3933



27.0185, 0.2385, 0.3398



27.0185, 0.2888, 0.2526

Complementary

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



27.0185, 0.4116, 0.3933



21.8171, 0.2352, 0.2527

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.



27.0185, 0.2456, 0.2451



27.0185, 0.4116, 0.3933



27.0185, 0.2186, 0.2900

Square

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



27.0185, 0.4116, 0.3933



27.0185, 0.2783, 0.3914



27.0185, 0.2212, 0.2571



27.0185, 0.3425, 0.2766

Rectangle

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



27.0185, 0.4116, 0.3933



27.0185, 0.3469, 0.4253



27.0185, 0.2212, 0.2571



27.0185, 0.2727, 0.2481

Sweetspot

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



27.0198, 0.4116, 0.3933



68.1140, 0.3378, 0.3484



18.2402, 0.3772, 0.2667



14.4720, 0.3416, 0.3511



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.



27.0198, 0.4116, 0.3933



43.8728, 0.4409, 0.4059



41.0187, 0.3833, 0.4457



9.2000, 0.3275, 0.3407



12.2590, 0.5353, 0.4132



0.5021, 0.4948, 0.4453

Inverse Universe

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



21.8171, 0.2352, 0.2527



33.2929, 0.2184, 0.2312



12.6258, 0.2212, 0.1778



8.8926, 0.2985, 0.3171



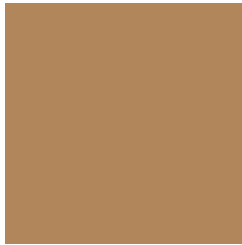
7.2961, 0.1768, 0.1564



0.3465, 0.1912, 0.2084

Previews

White Background



This preview shows how the Yxy color 27.0185, 0.4116, 0.3933 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 27.0185, 0.4116, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

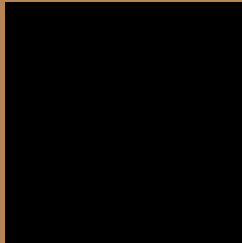
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0185, 0.4116, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 27.0185, 0.4116, 0.3933.



This preview shows how white text looks on a background with the Yxy color 27.0185, 0.4116, 0.3933.

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

27.0185, 0.4116, 0.3933

Protanopia

27.0063, 0.3771, 0.4077

Deuteranopia

27.1172, 0.4054, 0.3974



Tritanopia

26.9766, 0.3632, 0.3147

Trichromacy



Original Color

27.0185, 0.4116, 0.3933

Protanomaly

26.9193, 0.3894, 0.4022

Deuteranomaly

26.9504, 0.4074, 0.3957

Tritanomaly

26.9294, 0.3817, 0.3424

Monochromacy



Original Color

27.0185, 0.4116, 0.3933

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7653, 0.3465, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0185, 0.4116, 0.3933 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(176, 134, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 134, 90) }
```

Border

The CSS property to change the border of an element to Yxy 27.0185, 0.4116, 0.3933 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, 90) }
```

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

```
.border{ border-color:rgb(176, 134, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 134, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 134, 90);  
box-shadow:4px 4px 4px 4px rgb(176, 134,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0185, 0.4116, 0.3933 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, 90) }
```

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

```
.background{ background-color: rgb(176,  
134, 90) }
```

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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