

Converting Colors

$Y_{xy}(28.1033, 0.4199, 0.4116)$

Have a look what the booklet for
Yxy(28.1033, 0.4199, 0.4116)
contains.

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Color

$Y_{xy}(28.1033, 0.4199, 0.4116)$

Conversions

Conversions Part 1

Format	Color
Hex	B18A50
RGB	177, 138, 80
RGB Percent	69%, 54%, 31%
CMY	0.3058, 0.4588, 0.6862
CMYK	0.00, 0.22, 0.55, 0.31
HSL	36°, 38%, 50%
HSV	36°, 55%, 69%
XYZ	28.6700, 28.1033, 11.5049
YIQ	143.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

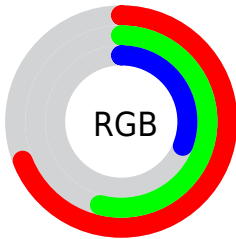
Format	Color
R_{YB}	145, 177, 80
Decimal	11635280
CIE _{Lab}	59.98, 7.82, 36.45
CIE _{LCh}	60, 37.280, 77.896
Yxy	28.1033, 0.4199, 0.4116
Android (android.graphics.Color)	4289825360 (0xFFB18A50)
YUV	143.0490, -31.0832, 29.7750
Hunter-Lab	53.0125, 3.7636, 24.2416

Details

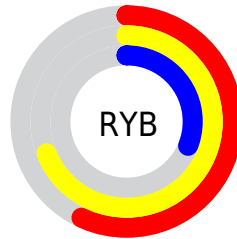
The Yxy color **28.1033, 0.4199, 0.4116** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.0797, 0.2229, 0.2258**, and the grayscale version is **27.6041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5625, 0.3987, 0.3957**, and **11.2213, 0.4545, 0.4331** is the 20% darker color. If you saturate the color by 10%, you get **25.9002, 0.4431, 0.4233**, and if you desaturate by 10%, it is **30.5119, 0.3970, 0.3976**.

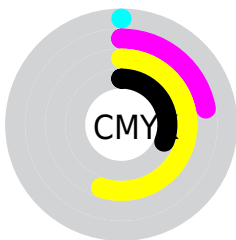
Distribution



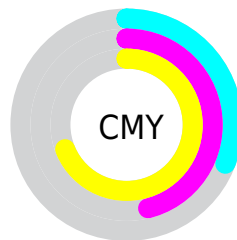
- Red (69%)
- Green (54%)
- Blue (31%)



- Red (57%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (31%)





- Cyan (31%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1033, 0.4199, 0.4116 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 28.1033, 0.4199, 0.4116 by changing the saturation by 10% instead.


 28.1033, 0.4199,
0.4116


 28.1033, 0.4199,
0.4116


292.9602, 0.3630,
0.3696


 18.4035, 0.4345,
0.4215


 56.6493, 0.3987,
0.3966


 11.2401, 0.4531,
0.4332


 76.2644, 0.3909,
0.3908


 6.2286, 0.4767,
0.4466

 99.9533, 0.3843,
0.3859

 2.9846, 0.5242,
0.4758

 128.1006, 0.3787,
0.3817

 1.1237, 0.5378,
0.4622

 161.0905, 0.3739,
0.3781

 0.0000, 1.0000,
0.0000

199.3074, 0.3698,

 0.0000, 0.0000,

0.3749

0.0000

243.1359, 0.3662,
0.3721

■ 28.1033, 0.4199,
0.4116

■ 28.1033, 0.4199,
0.4116

■ 25.9002, 0.4431,
0.4233

■ 30.5119, 0.3970,
0.3976

■ 23.8906, 0.4656,
0.4315

■ 33.1294, 0.3752,
0.3822

■ 22.0667, 0.4861,
0.4352

■ 35.9641, 0.3550,
0.3665

■ 20.4180, 0.5036,
0.4337

■ 39.0224, 0.3366,
0.3509

■ 19.6196, 0.5120,
0.4317

■ 42.3104, 0.3200,
0.3359

■ 45.8341, 0.3053,
0.3218

■ 49.5989, 0.2922,
0.3086

■ 53.6102, 0.2807,
0.2964

■ 57.8733, 0.2705,
0.2851

Harmonies

Analogous

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



28.1033, 0.4358, 0.3677



28.1033, 0.4199, 0.4116



28.1033, 0.3752, 0.4393

Triad

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



28.1033, 0.4199, 0.4116



28.1033, 0.2192, 0.3253



28.1033, 0.2993, 0.2469

Complementary

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



28.1033, 0.4199, 0.4116



18.0797, 0.2229, 0.2258

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.



28.1033, 0.2457, 0.2332



28.1033, 0.4199, 0.4116



28.1033, 0.2034, 0.2715

Square

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



28.1033, 0.4199, 0.4116



28.1033, 0.2593, 0.3887



28.1033, 0.2126, 0.2405



28.1033, 0.3623, 0.2778

Rectangle

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



28.1033, 0.4199, 0.4116



28.1033, 0.3365, 0.4401



28.1033, 0.2126, 0.2405



28.1033, 0.2796, 0.2402

Sweetspot

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



28.1047, 0.4199, 0.4116



69.0454, 0.3391, 0.3532



16.4539, 0.4025, 0.2712



14.7216, 0.3427, 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.



28.1047, 0.4199, 0.4116



45.5118, 0.4485, 0.4256



40.4546, 0.3826, 0.4618



9.3217, 0.3273, 0.3426



14.3346, 0.5107, 0.4327



0.5617, 0.4790, 0.4579

Inverse Universe

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



18.0797, 0.2229, 0.2258



25.7561, 0.2038, 0.1975



10.9932, 0.2158, 0.1598



8.7725, 0.2985, 0.3150



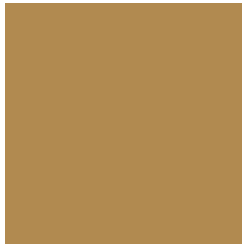
5.6945, 0.1693, 0.1295



0.2950, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 28.1033, 0.4199, 0.4116 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 28.1033, 0.4199, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

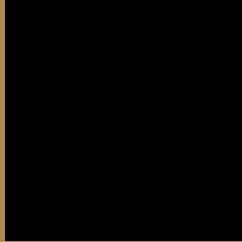
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1033, 0.4199, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 28.1033, 0.4199, 0.4116.



This preview shows how white text looks on a background with the Yxy color 28.1033, 0.4199, 0.4116.

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

28.1033, 0.4199, 0.4116

Protanopia

28.2309, 0.3917, 0.4262

Deuteranopia

28.1033, 0.4199, 0.4116



Tritanopia

28.1008, 0.3610, 0.3149

Trichromacy



Original Color

28.1033, 0.4199, 0.4116

Protanomaly

28.0471, 0.4030, 0.4204

Deuteranomaly

28.1033, 0.4199, 0.4116

Tritanomaly

28.0854, 0.3834, 0.3510

Monochromacy



Original Color

28.1033, 0.4199, 0.4116

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3744, 0.3503, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1033, 0.4199, 0.4116 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(177, 138, 80)` looks like.

```
.text, #text, p{  
    color:rgb(177, 138, 80)  
}
```

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(177, 138, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 138, 80) }
```

Border

The CSS property to change the border of an element to Yxy 28.1033, 0.4199, 0.4116 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(177, 138, 80) }
```

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

```
.border{ border-color:rgb(177, 138, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 138, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 138, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 138, 80);  
box-shadow:4px 4px 4px 4px rgb(177, 138,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1033, 0.4199, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 138, 80) }
```

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

```
.background{ background-color: rgb(177,  
138, 80) }
```

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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