

Converting Colors

$Y_{xy}(27.1343, 0.4044, 0.3960)$

Have a look what the booklet for
Yxy(27.1343, 0.4044, 0.3960)
contains.

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Color

Yxy(27.1343, 0.4044, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	AC885B
RGB	172, 136, 91
RGB Percent	67%, 53%, 36%
CMY	0.3254, 0.4667, 0.6431
CMYK	0.00, 0.21, 0.47, 0.33
HSL	33°, 33%, 52%
HSV	33°, 47%, 67%
XYZ	27.7099, 27.1343, 13.6768
YIQ	141.6340, 35.9010, -6.3630

Conversions

Conversions Part 2

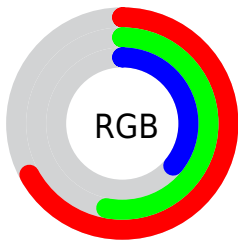
Format	Color
R_{YB}	156, 172, 91
Decimal	11307099
CIE Lab	59.10, 7.84, 29.32
CIE LCh	59, 30.348, 75.030
Yxy	27.1343, 0.4044, 0.3960
Android (android.graphics.Color)	4289497179 (0xFFAC885B)
YUV	141.6340, -24.9626, 26.6310
Hunter-Lab	52.0906, 3.7955, 20.8964

Details

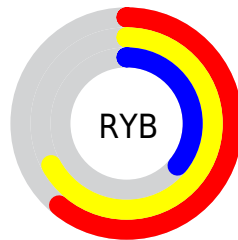
The Yxy color **27.1343, 0.4044, 0.3960** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.3932, 0.2369, 0.2496**, and the grayscale version is **26.9895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0062, 0.3855, 0.3828**, and **10.6890, 0.4363, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **24.7934, 0.4288, 0.4087**, and if you desaturate by 10%, it is **29.6997, 0.3813, 0.3819**.

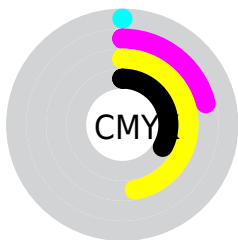
Distribution



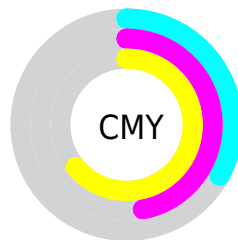
- Red (67%)
- Green (53%)
- Blue (36%)



- Red (61%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1343, 0.4044, 0.3960 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 27.1343, 0.4044, 0.3960 by changing the saturation by 10% instead.


 27.1343, 0.4044,
0.3960


 27.1343, 0.4044,
0.3960


288.3068, 0.3548,
0.3613


 17.6741, 0.4177,
0.4046


 55.0993, 0.3856,
0.3833


 10.7163, 0.4352,
0.4154


 74.3729, 0.3788,
0.3785

 5.8764, 0.4586,
0.4286


 97.6864, 0.3731,
0.3745

 2.7701, 0.5034,
0.4551

 125.4243, 0.3683,
0.3711

 1.0129, 0.5397,
0.4603

157.9708, 0.3642,
0.3681

 0.0000, 1.0000,
0.0000

195.7105, 0.3606,

 0.0000, 0.0000,

0.3655

0.0000

239.0277, 0.3576,
0.3633

■ 27.1343, 0.4044,
0.3960

■ 27.1343, 0.4044,
0.3960

■ 24.7934, 0.4288,
0.4087

■ 29.6997, 0.3813,
0.3819

■ 22.6652, 0.4536,
0.4188

■ 32.4930, 0.3601,
0.3672

■ 20.7424, 0.4777,
0.4253

■ 35.5226, 0.3408,
0.3526

■ 19.0154, 0.4997,
0.4269

■ 38.7948, 0.3237,
0.3385

■ 17.4715, 0.5185,
0.4236

■ 42.3160, 0.3085,
0.3252

■ 17.0515, 0.5239,
0.4222

■ 46.0922, 0.2951,
0.3128

■ 50.1291, 0.2834,
0.3013

■ 54.4322, 0.2730,
0.2907

■ 59.0069, 0.2640,
0.2811

Harmonies

Analogous

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



27.1343, 0.4138, 0.3592



27.1343, 0.4044, 0.3960



27.1343, 0.3698, 0.4189

Triad

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



27.1343, 0.4044, 0.3960



27.1343, 0.2372, 0.3317



27.1343, 0.2973, 0.2579

Complementary

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



27.1343, 0.4044, 0.3960



20.3932, 0.2369, 0.2496

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.



27.1343, 0.2535, 0.2482



27.1343, 0.4044, 0.3960



27.1343, 0.2211, 0.2858

Square

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



27.1343, 0.4044, 0.3960



27.1343, 0.2731, 0.3820



27.1343, 0.2269, 0.2570



27.1343, 0.3491, 0.2832

Rectangle

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



27.1343, 0.4044, 0.3960



27.1343, 0.3383, 0.4202



27.1343, 0.2269, 0.2570



27.1343, 0.2812, 0.2528

Sweetspot

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



27.1356, 0.4044, 0.3960



66.0658, 0.3358, 0.3485



17.8019, 0.3800, 0.2747



14.0942, 0.3395, 0.3515



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.1356, 0.4044, 0.3960



44.5915, 0.4311, 0.4098



38.5912, 0.3769, 0.4436



8.7250, 0.3273, 0.3416



12.7963, 0.5225, 0.4233



0.4629, 0.4836, 0.4542

Inverse Universe

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



20.3932, 0.2369, 0.2496



30.8231, 0.2196, 0.2269



12.8998, 0.2290, 0.1856



8.3216, 0.2986, 0.3161



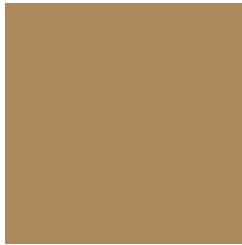
6.2201, 0.1730, 0.1426



0.2832, 0.1897, 0.2028

Previews

White Background



This preview shows how the Yxy color 27.1343, 0.4044, 0.3960 looks on a white background.

Color Contrast Check

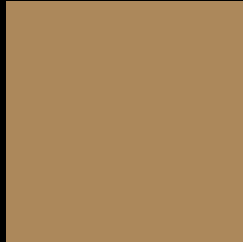
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1343, 0.4044, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

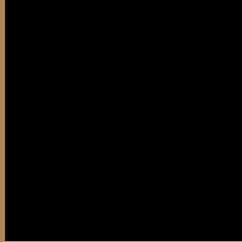
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1343, 0.4044, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 27.1343, 0.4044, 0.3960.



This preview shows how white text looks on a background with the Yxy color 27.1343, 0.4044, 0.3960.

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

27.1343, 0.4044, 0.3960

Protanopia

27.1227, 0.3772, 0.4058

Deuteranopia

27.1343, 0.4044, 0.3960



Tritanopia

27.2058, 0.3567, 0.3146

Trichromacy



Original Color

27.1343, 0.4044, 0.3960

Protanomaly

27.1235, 0.3866, 0.4025

Deuteranomaly

27.1343, 0.4044, 0.3960

Tritanomaly

27.0216, 0.3749, 0.3440

Monochromacy



Original Color

27.1343, 0.4044, 0.3960

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9585, 0.3450, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1343, 0.4044, 0.3960 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(172, 136, 91)` looks like.

```
.text, #text, p{  
    color:rgb(172, 136, 91)  
}
```

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(172, 136, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 136, 91) }
```

Border

The CSS property to change the border of an element to Yxy 27.1343, 0.4044, 0.3960 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(172, 136, 91) }
```

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

```
.border{ border-color:rgb(172, 136, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 136, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 136, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 136, 91);  
box-shadow:4px 4px 4px 4px rgb(172, 136,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1343, 0.4044, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 136, 91) }
```

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

```
.background{ background-color: rgb(172,  
136, 91) }
```

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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