

Converting Colors

$Y_{xy}(27.0744, 0.4000, 0.3921)$

Have a look what the booklet for
Yxy(27.0744, 0.4000, 0.3921)
contains.

Yxy(27.0744, 0.4000, 0.3921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0744, 0.4000, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	AB885E
RGB	171, 136, 94
RGB Percent	67%, 53%, 37%
CMY	0.3294, 0.4667, 0.6314
CMYK	0.00, 0.20, 0.45, 0.33
HSL	33°, 31%, 52%
HSV	33°, 45%, 67%
XYZ	27.6199, 27.0744, 14.3554
YIQ	141.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

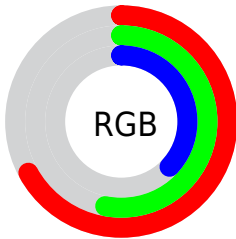
Format	Color
RYB	158, 171, 94
Decimal	11241566
CIELab	59.04, 7.72, 27.59
CIELCh	59, 28.652, 74.372
Yxy	27.0744, 0.4000, 0.3921
Android (android.graphics.Color)	4289431646 (0xFFAB885E)
YUV	141.6770, -23.5048, 25.7163
Hunter-Lab	52.0331, 3.6925, 20.0656

Details

The Yxy color **27.0744, 0.4000, 0.3921** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.0171, 0.2405, 0.2551**, and the grayscale version is **27.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9335, 0.3822, 0.3796**, and **10.6427, 0.4303, 0.4097** is the 20% darker color. If you saturate the color by 10%, you get **24.6915, 0.4245, 0.4050**, and if you desaturate by 10%, it is **29.6866, 0.3771, 0.3780**.

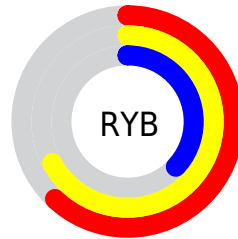
Distribution



Red (67%)

Green (53%)

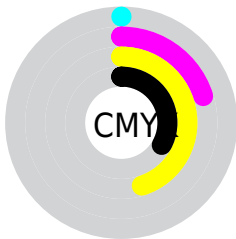
Blue (37%)



Red (62%)

Yellow (67%)

Blue (37%)

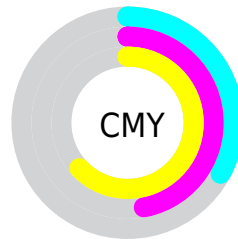


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0744, 0.4000, 0.3921 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 27.0744, 0.4000, 0.3921 by changing the saturation by 10% instead.


 27.0744, 0.4000,
0.3921


 27.0744, 0.4000,
0.3921


288.0172, 0.3527,
0.3593


 17.6291, 0.4128,
0.4004


 55.0032, 0.3820,
0.3800

 10.6840, 0.4297,
0.4107


 74.2556, 0.3755,
0.3755

 5.8548, 0.4527,
0.4237

 97.5457, 0.3701,
0.3717

 2.7570, 0.4935,
0.4471

 125.2580, 0.3655,
0.3685

 1.0062, 0.5390,
0.4610

157.7769, 0.3616,
0.3657

 0.0000, 1.0000,
0.0000

195.4868, 0.3582,

 0.0000, 0.0000,

0.3633

0.0000

238.7721, 0.3553,
0.3611

■ 27.0744, 0.4000,
0.3921

■ 27.0744, 0.4000,
0.3921

■ 24.6915, 0.4245,
0.4050

■ 29.6866, 0.3771,
0.3780

■ 22.5263, 0.4497,
0.4155

■ 32.5317, 0.3561,
0.3636

■ 20.5714, 0.4745,
0.4226

■ 35.6179, 0.3372,
0.3493

■ 18.8173, 0.4975,
0.4251

■ 38.9517, 0.3204,
0.3356

■ 17.2532, 0.5174,
0.4224

■ 42.5396, 0.3056,
0.3227

■ 16.5385, 0.5266,
0.4200

■ 46.3874, 0.2926,
0.3107

■ 50.5010, 0.2812,
0.2996

■ 54.8861, 0.2712,
0.2894

■ 59.5479, 0.2624,
0.2801

Harmonies

Analogous

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



27.0744, 0.4081, 0.3571



27.0744, 0.4000, 0.3921



27.0744, 0.3679, 0.4138

Triad

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



27.0744, 0.4000, 0.3921



27.0744, 0.2417, 0.3328



27.0744, 0.2972, 0.2611

Complementary

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



27.0744, 0.4000, 0.3921



21.0171, 0.2405, 0.2551

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.



27.0744, 0.2559, 0.2522



27.0744, 0.4000, 0.3921



27.0744, 0.2259, 0.2892

Square

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



27.0744, 0.4000, 0.3921



27.0744, 0.2763, 0.3798



27.0744, 0.2309, 0.2612



27.0744, 0.3461, 0.2849

Rectangle

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



27.0744, 0.4000, 0.3921



27.0744, 0.3382, 0.4151



27.0744, 0.2309, 0.2612



27.0744, 0.2820, 0.2563

Sweetspot

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



27.0757, 0.4000, 0.3921



64.2407, 0.3358, 0.3482



18.2710, 0.3738, 0.2751



14.0570, 0.3395, 0.3511



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.



27.0757, 0.4000, 0.3921



44.2520, 0.4242, 0.4048



38.3103, 0.3756, 0.4384



8.7121, 0.3273, 0.3414



12.5726, 0.5253, 0.4211



0.4573, 0.4853, 0.4529

Inverse Universe

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



21.0171, 0.2405, 0.2551



32.0377, 0.2248, 0.2352



13.4597, 0.2320, 0.1924



8.3343, 0.2986, 0.3163



6.3964, 0.1738, 0.1457



0.2881, 0.1903, 0.2051

Previews

White Background



This preview shows how the Yxy color 27.0744, 0.4000, 0.3921 looks on a white background.

Color Contrast Check

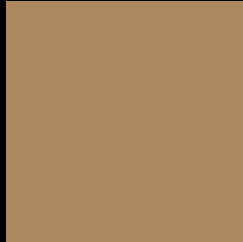
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0744, 0.4000, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

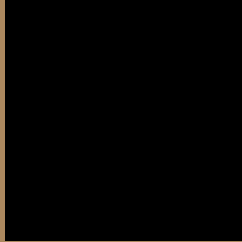
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0744, 0.4000, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 27.0744, 0.4000, 0.3921.



This preview shows how white text looks on a background with the Yxy color 27.0744, 0.4000, 0.3921.

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

27.0744, 0.4000, 0.3921

Protanopia

27.0791, 0.3730, 0.4015

Deuteranopia

27.0744, 0.4000, 0.3921



Tritanopia

26.9727, 0.3543, 0.3144

Trichromacy



Original Color

27.0744, 0.4000, 0.3921

Protanomaly

27.0743, 0.3822, 0.3982

Deuteranomaly

27.0744, 0.4000, 0.3921

Tritanomaly

26.9313, 0.3725, 0.3426

Monochromacy



Original Color

27.0744, 0.4000, 0.3921

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0091, 0.3429, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0744, 0.4000, 0.3921 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(171, 136, 94)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 94)  
}
```

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(171, 136, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 94) }
```

Border

The CSS property to change the border of an element to Yxy 27.0744, 0.4000, 0.3921 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(171, 136, 94) }
```

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

```
.border{ border-color:rgb(171, 136, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 136, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 94);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0744, 0.4000, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 94) }
```

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

```
.background{ background-color: rgb(171,  
136, 94) }
```

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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