

Converting Colors

$Y_{xy}(26.3967, 0.4367, 0.4293)$

Have a look what the booklet for
Yxy(26.3967, 0.4367, 0.4293)
contains.

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Color

Yxy(26.3967, 0.4367, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	AE863E
RGB	174, 134, 62
RGB Percent	68%, 53%, 24%
CMY	0.3176, 0.4745, 0.7568
CMYK	0.00, 0.23, 0.64, 0.32
HSL	39°, 47%, 46%
HSV	39°, 64%, 68%
XYZ	26.8517, 26.3967, 8.2394
YIQ	137.7520, 46.9520, -13.9120

Conversions

Conversions Part 2

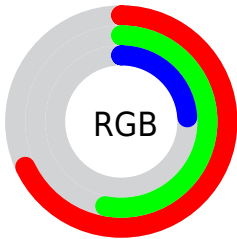
Format	Color
RYB	124, 174, 62
Decimal	11437630
CIELab	58.41, 7.34, 43.70
CIELCh	58, 44.314, 80.464
Yxy	26.3967, 0.4367, 0.4293
Android (android.graphics.Color)	4289627710 (0xFFAE863E)
YUV	137.7520, -37.3457, 31.7895
Hunter-Lab	51.3777, 3.3790, 26.4562

Details

The Yxy color **26.3967, 0.4367, 0.4293** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.5881, 0.2058, 0.1944**, and the grayscale version is **25.4492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8663, 0.4129, 0.4121**, and **10.3705, 0.4712, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **24.5684, 0.4572, 0.4386**, and if you desaturate by 10%, it is **28.3898, 0.4152, 0.4166**.

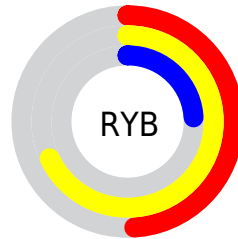
Distribution



Red (68%)

Green (53%)

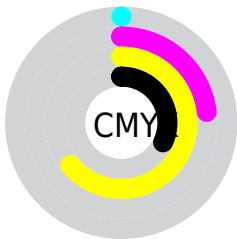
Blue (24%)



Red (49%)

Yellow (68%)

Blue (24%)

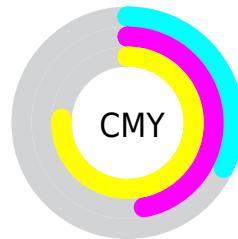


Cyan (0%)

Magenta (23%)

Yellow (64%)

Black (32%)



Cyan (32%)


Magenta (47%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3967, 0.4367, 0.4293 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 26.3967, 0.4367, 0.4293 by changing the saturation by 10% instead.


 26.3967, 0.4367,
0.4293


 26.3967, 0.4367,
0.4293


284.7241, 0.3714,
0.3789


 17.1206, 0.4527,
0.4404

 53.9142, 0.4128,
0.4117

 10.3205, 0.4721,
0.4528


 72.9245, 0.4039,
0.4048


 5.6120, 0.4996,
0.4695


 95.9483, 0.3963,
0.3989

 2.6106, 0.5235,
0.4765

 123.3700, 0.3898,
0.3937

 0.9320, 0.5378,
0.4622

 155.5741, 0.3843,
0.3893

 0.0000, 1.0000,
0.0000

 192.9448, 0.3794,

 0.0000, 0.0000,

0.3854

0.0000

235.8667, 0.3752,
0.3820

■ 26.3967, 0.4367,
0.4293

■ 26.3967, 0.4367,
0.4293

■ 24.5684, 0.4572,
0.4386

■ 28.3898, 0.4152,
0.4166

■ 22.8931, 0.4758,
0.4434

■ 30.5507, 0.3937,
0.4015

■ 21.3632, 0.4913,
0.4432

■ 32.8871, 0.3729,
0.3852

■ 20.5542, 0.4993,
0.4417

■ 35.4049, 0.3534,
0.3684

■ 38.1095, 0.3355,
0.3517

■ 41.0062, 0.3193,
0.3357

■ 44.1000, 0.3047,
0.3206

■ 47.3954, 0.2917,
0.3064

■ 50.8971, 0.2801,
0.2933

Harmonies

Analogous

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



26.3967, 0.4612, 0.3768



26.3967, 0.4367, 0.4293



26.3967, 0.3800, 0.4638

Triad

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



26.3967, 0.4367, 0.4293



26.3967, 0.1985, 0.3165



26.3967, 0.3020, 0.2345

Complementary

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



26.3967, 0.4367, 0.4293



13.5881, 0.2058, 0.1944

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.



26.3967, 0.2370, 0.2165



26.3967, 0.4367, 0.4293



26.3967, 0.1834, 0.2543

Square

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



26.3967, 0.4367, 0.4293



26.3967, 0.2426, 0.3961



26.3967, 0.1966, 0.2217



26.3967, 0.3788, 0.2717

Rectangle

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



26.3967, 0.4367, 0.4293



26.3967, 0.3330, 0.4644



26.3967, 0.1966, 0.2217



26.3967, 0.2781, 0.2261

Sweetspot

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



26.3980, 0.4367, 0.4293



66.6368, 0.3442, 0.3600



13.4274, 0.4382, 0.2720



14.5073, 0.3493, 0.3647



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.



26.3980, 0.4367, 0.4293



43.3115, 0.4650, 0.4411



38.0013, 0.3857, 0.4834



8.8415, 0.3271, 0.3435



15.0219, 0.4982, 0.4426



0.5162, 0.4689, 0.4659

Inverse Universe

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



13.5881, 0.2058, 0.1944



18.4545, 0.1860, 0.1606



8.0790, 0.2021, 0.1315



8.2080, 0.2986, 0.3140



4.8311, 0.1658, 0.1170



0.2396, 0.1836, 0.1810

Previews

White Background



This preview shows how the Yxy color 26.3967, 0.4367, 0.4293 looks on a white background.

Color Contrast Check

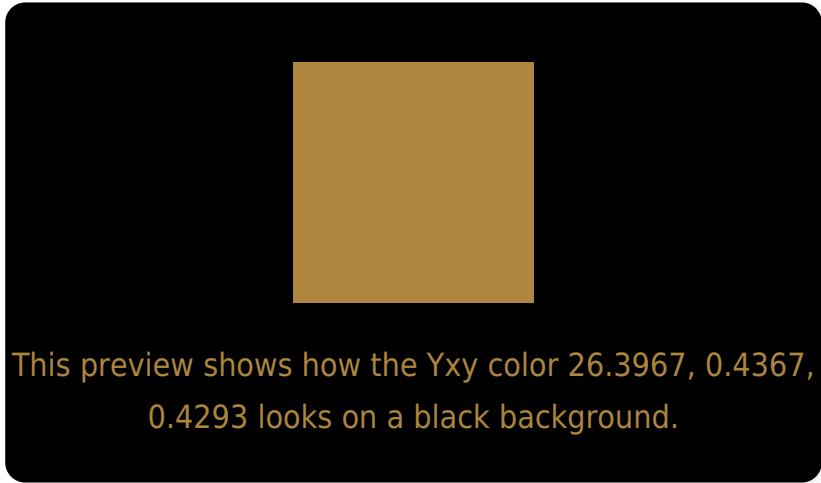
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 26.3967, 0.4367, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 26.3967, 0.4367, 0.4293.



This preview shows how white text looks on a background with the Yxy color 26.3967, 0.4367, 0.4293.

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

26.3967, 0.4367, 0.4293

Protanopia

26.4878, 0.4072, 0.4464

Deuteranopia

26.3967, 0.4367, 0.4293



Tritanopia

26.4026, 0.3662, 0.3147

Trichromacy



Original Color

26.3967, 0.4367, 0.4293

Protanomaly

26.3224, 0.4191, 0.4396

Deuteranomaly

26.3967, 0.4367, 0.4293

Tritanomaly

26.2696, 0.3955, 0.3586

Monochromacy



Original Color

26.3967, 0.4367, 0.4293

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.5964, 0.3579, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3967, 0.4367, 0.4293 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(174, 134, 62)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 62)  
}
```

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(174, 134, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 62) }
```

Border

The CSS property to change the border of an element to Yxy 26.3967, 0.4367, 0.4293 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(174, 134, 62) }
```

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

```
.border{ border-color:rgb(174, 134, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 62);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3967, 0.4367, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 62) }
```

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

```
.background{ background-color: rgb(174,  
134, 62) }
```

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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