

Converting Colors

$Y_{xy}(26.6643, 0.4006, 0.3924)$

Have a look what the booklet for
Yxy(26.6643, 0.4006, 0.3924)
contains.

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Color

Yxy(26.6643, 0.4006, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	AA875D
RGB	170, 135, 93
RGB Percent	67%, 53%, 36%
CMY	0.3332, 0.4706, 0.6353
CMYK	0.00, 0.21, 0.45, 0.33
HSL	33°, 31%, 52%
HSV	33°, 45%, 67%
XYZ	27.2215, 26.6643, 14.0660
YIQ	140.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

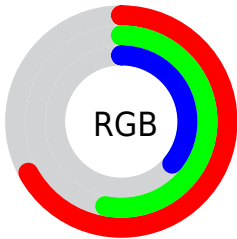
Format	Color
R _Y B	157, 170, 93
Decimal	11175773
CIE Lab	58.66, 7.76, 27.62
CIE LCh	59, 28.694, 74.309
Yxy	26.6643, 0.4006, 0.3924
Android (android.graphics.Color)	4289365853 (0xFFAA875D)
YUV	140.6770, -23.5048, 25.7163
Hunter-Lab	51.6375, 3.7335, 19.9957

Details

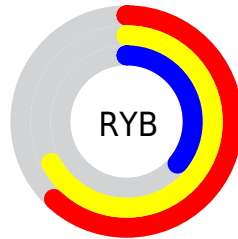
The Yxy color **26.6643, 0.4006, 0.3924** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.6756, 0.2401, 0.2547**, and the grayscale version is **26.5877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3109, 0.3825, 0.3798**, and **10.4073, 0.4314, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **24.3171, 0.4251, 0.4052**, and if you desaturate by 10%, it is **29.2377, 0.3776, 0.3784**.

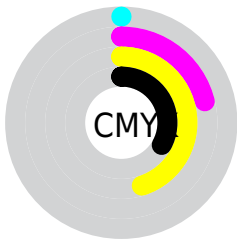
Distribution



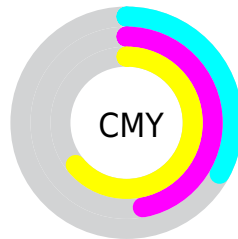
- Red (67%)
- Green (53%)
- Blue (36%)



- Red (62%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (33%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6643, 0.4006, 0.3924 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 26.6643, 0.4006, 0.3924 by changing the saturation by 10% instead.


 26.6643, 0.4006,
0.3924


 26.6643, 0.4006,
0.3924


286.0280, 0.3529,
0.3593


 17.3213, 0.4136,
0.4007


 54.3447, 0.3824,
0.3802


 10.4638, 0.4307,
0.4112


 73.4509, 0.3758,
0.3757

 5.7075, 0.4540,
0.4242

 96.5802, 0.3704,
0.3719

 2.6681, 0.4971,
0.4493

 124.1171, 0.3658,
0.3686

 0.9610, 0.5401,
0.4599

156.4459, 0.3618,
0.3658

 0.0000, 1.0000,
0.0000

193.9511, 0.3584,

 0.0000, 0.0000,

0.3634

0.0000

237.0170, 0.3555,
0.3612

■ 26.6643, 0.4006,
0.3924

■ 26.6643, 0.4006,
0.3924

■ 24.3171, 0.4251,
0.4052

■ 29.2377, 0.3776,
0.3784

■ 22.1846, 0.4503,
0.4157

■ 32.0409, 0.3566,
0.3639

■ 20.2596, 0.4751,
0.4227

■ 35.0819, 0.3377,
0.3497

■ 18.5327, 0.4981,
0.4251

■ 38.3673, 0.3208,
0.3360

■ 16.9929, 0.5179,
0.4222

■ 41.9034, 0.3060,
0.3230

■ 16.3257, 0.5267,
0.4200

■ 45.6960, 0.2929,
0.3110

■ 49.7508, 0.2815,
0.2999

■ 54.0735, 0.2714,
0.2897

■ 58.6693, 0.2626,
0.2804

Harmonies

Analogous

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



26.6643, 0.4087, 0.3572



26.6643, 0.4006, 0.3924



26.6643, 0.3683, 0.4143

Triad

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



26.6643, 0.4006, 0.3924



26.6643, 0.2413, 0.3329



26.6643, 0.2970, 0.2606

Complementary

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



26.6643, 0.4006, 0.3924



20.6756, 0.2401, 0.2547

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.



26.6643, 0.2554, 0.2517



26.6643, 0.4006, 0.3924



26.6643, 0.2254, 0.2890

Square

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



26.6643, 0.4006, 0.3924



26.6643, 0.2761, 0.3803



26.6643, 0.2304, 0.2608



26.6643, 0.3462, 0.2845

Rectangle

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



26.6643, 0.4006, 0.3924



26.6643, 0.3385, 0.4157



26.6643, 0.2304, 0.2608



26.6643, 0.2817, 0.2558

Sweetspot

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



26.6656, 0.4006, 0.3924



64.2360, 0.3358, 0.3482



17.9601, 0.3743, 0.2749



14.0558, 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.



26.6656, 0.4006, 0.3924



44.2386, 0.4243, 0.4048



37.8157, 0.3760, 0.4389



8.1946, 0.3273, 0.3413



12.1177, 0.5252, 0.4212



0.3951, 0.4818, 0.4557

Inverse Universe

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



20.6756, 0.2401, 0.2547



32.0500, 0.2248, 0.2352



13.1939, 0.2315, 0.1915



7.8415, 0.2987, 0.3164



6.1805, 0.1739, 0.1460



0.2533, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 26.6643, 0.4006, 0.3924 looks on a white background.

Color Contrast Check

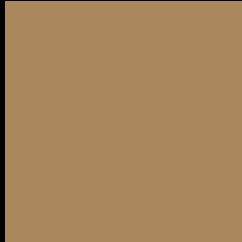
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6643, 0.4006, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

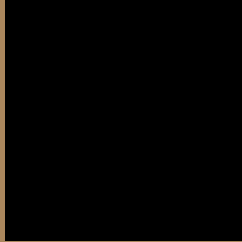
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6643, 0.4006, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 26.6643, 0.4006, 0.3924.



This preview shows how white text looks on a background with the Yxy color 26.6643, 0.4006, 0.3924.

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

26.6643, 0.4006, 0.3924

Protanopia

26.6666, 0.3734, 0.4019

Deuteranopia

26.6643, 0.4006, 0.3924



Tritanopia

26.5633, 0.3546, 0.3143

Trichromacy



Original Color

26.6643, 0.4006, 0.3924

Protanomaly

26.6624, 0.3827, 0.3986

Deuteranomaly

26.6643, 0.4006, 0.3924

Tritanomaly

26.5220, 0.3729, 0.3427

Monochromacy



Original Color

26.6643, 0.4006, 0.3924

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5959, 0.3431, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6643, 0.4006, 0.3924 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(170, 135, 93)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 93)  
}
```

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(170, 135, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 93) }
```

Border

The CSS property to change the border of an element to Yxy 26.6643, 0.4006, 0.3924 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(170, 135, 93) }
```

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

```
.border{ border-color:rgb(170, 135, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 135, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 93);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6643, 0.4006, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 93) }
```

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

```
.background{ background-color: rgb(170,  
135, 93) }
```

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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