

Converting Colors

$Y_{xy}(26.6885, 0.3996, 0.3974)$

Have a look what the booklet for
Yxy(26.6885, 0.3996, 0.3974)
contains.

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Color

Yxy(26.6885, 0.3996, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	A8885B
RGB	168, 136, 91
RGB Percent	66%, 53%, 36%
CMY	0.3413, 0.4666, 0.6432
CMYK	0.00, 0.19, 0.46, 0.34
HSL	35°, 31%, 51%
HSV	35°, 46%, 66%
XYZ	26.8362, 26.6885, 13.6330
YIQ	140.4380, 33.5170, -7.2110

Conversions

Conversions Part 2

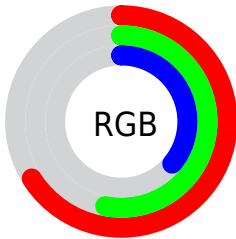
Format	Color
R_{YB}	146, 168, 91
Decimal	11044955
CIE Lab	58.68, 6.10, 28.71
CIE LCh	59, 29.353, 78.004
Yxy	26.6885, 0.3996, 0.3974
Android (android.graphics.Color)	4289235035 (0xFFA8885B)
YUV	140.4380, -24.3729, 24.1719
Hunter-Lab	51.6609, 2.3186, 20.5163

Details

The Yxy color **26.6885, 0.3996, 0.3974** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.2036, 0.2384, 0.2480**, and the grayscale version is **26.4916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3557, 0.3820, 0.3836**, and **10.4148, 0.4295, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **24.5306, 0.4229, 0.4110**, and if you desaturate by 10%, it is **29.0416, 0.3775, 0.3825**.

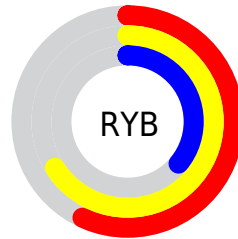
Distribution



Red (66%)

Green (53%)

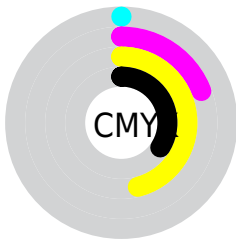
Blue (36%)



Red (57%)

Yellow (66%)

Blue (36%)

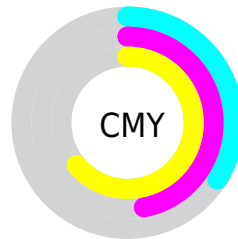


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6885, 0.3996, 0.3974 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 26.6885, 0.3996, 0.3974 by changing the saturation by 10% instead.


 26.6885, 0.3996,
0.3974


 26.6885, 0.3996,
0.3974


286.1457, 0.3526,
0.3615


 17.3394, 0.4123,
0.4065


 54.3836, 0.3817,
0.3841


 10.4768, 0.4289,
0.4180


 73.4984, 0.3752,
0.3792

 5.7162, 0.4513,
0.4324

 96.6373, 0.3699,
0.3751

 2.6733, 0.4954,
0.4623

 124.1845, 0.3653,
0.3715

 0.9636, 0.5291,
0.4709

156.5246, 0.3614,
0.3685

 0.0000, 1.0000,
0.0000

194.0419, 0.3581,

 0.0000, 0.0000,

0.3659

0.0000

237.1208, 0.3551,
0.3636

■ 26.6885, 0.3996,
0.3974

■ 26.6885, 0.3996,
0.3974

■ 24.5306, 0.4229,
0.4110

■ 29.0416, 0.3775,
0.3825

■ 22.5574, 0.4465,
0.4221

■ 31.5925, 0.3570,
0.3671

■ 20.7626, 0.4694,
0.4297

■ 34.3483, 0.3383,
0.3519

■ 19.1381, 0.4903,
0.4328

■ 37.3147, 0.3216,
0.3372

■ 17.6737, 0.5081,
0.4307

■ 40.4971, 0.3067,
0.3233

■ 17.1022, 0.5152,
0.4291

■ 43.9005, 0.2936,
0.3104

■ 47.5299, 0.2819,
0.2984

■ 51.3900, 0.2717,
0.2874

■ 55.4854, 0.2627,
0.2772

Harmonies

Analogous

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



26.6885, 0.4114, 0.3624



26.6885, 0.3996, 0.3974



26.6885, 0.3642, 0.4175

Triad

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



26.6885, 0.3996, 0.3974



26.6885, 0.2366, 0.3268



26.6885, 0.3026, 0.2615

Complementary

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



26.6885, 0.3996, 0.3974



19.2036, 0.2384, 0.2480

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.



26.6885, 0.2586, 0.2503



26.6885, 0.3996, 0.3974



26.6885, 0.2230, 0.2834

Square

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



26.6885, 0.3996, 0.3974



26.6885, 0.2700, 0.3760



26.6885, 0.2308, 0.2571



26.6885, 0.3530, 0.2874

Rectangle

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



26.6885, 0.3996, 0.3974



26.6885, 0.3329, 0.4166



26.6885, 0.2308, 0.2571



26.6885, 0.2866, 0.2560

Sweetspot

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



26.6898, 0.3996, 0.3974



63.1734, 0.3356, 0.3495



17.2348, 0.3812, 0.2800



13.5335, 0.3392, 0.3526



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.6898, 0.3996, 0.3974



44.4626, 0.4233, 0.4112



36.3850, 0.3726, 0.4417



8.2438, 0.3272, 0.3422



13.0226, 0.5140, 0.4301



0.4142, 0.4753, 0.4608

Inverse Universe

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



19.2036, 0.2384, 0.2480



29.1831, 0.2218, 0.2259



12.8713, 0.2343, 0.1912



7.7931, 0.2986, 0.3154



5.5151, 0.1705, 0.1338



0.2358, 0.1892, 0.2012

Previews

White Background



This preview shows how the Yxy color 26.6885, 0.3996, 0.3974 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 26.6885, 0.3996, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

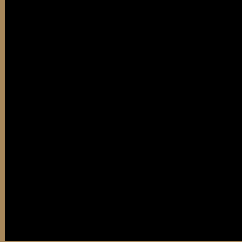
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6885, 0.3996, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 26.6885, 0.3996, 0.3974.



This preview shows how white text looks on a background with the Yxy color 26.6885, 0.3996, 0.3974.

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

26.6885, 0.3996, 0.3974

Protanopia

26.6124, 0.3765, 0.4066

Deuteranopia

26.6293, 0.4027, 0.3953



Tritanopia

26.7429, 0.3520, 0.3143

Trichromacy



Original Color

26.6885, 0.3996, 0.3974

Protanomaly

26.5070, 0.3847, 0.4036

Deuteranomaly

26.5183, 0.4015, 0.3956

Tritanomaly

26.5656, 0.3701, 0.3443

Monochromacy



Original Color

26.6885, 0.3996, 0.3974

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3544, 0.3429, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6885, 0.3996, 0.3974 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(168, 136, 91)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 136, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 136, 91) }
```

Border

The CSS property to change the border of an element to Yxy 26.6885, 0.3996, 0.3974 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(168, 136, 91) }
```

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

```
.border{ border-color:rgb(168, 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(168, 136, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 136, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 136, 91);  
box-shadow:4px 4px 4px 4px rgb(168, 136,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6885, 0.3996, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 136, 91) }
```

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

```
.background{ background-color: rgb(168,  
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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