

Converting Colors

$Y_{xy}(25.9299, 0.4028, 0.3963)$

Have a look what the booklet for
Yxy(25.9299, 0.4028, 0.3963)
contains.

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Color

Yxy(26.0963, 0.4032, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	A88659
RGB	168, 134, 89
RGB Percent	66%, 53%, 35%
CMY	0.3412, 0.4745, 0.6510
CMYK	0.00, 0.20, 0.47, 0.34
HSL	34°, 31%, 50%
HSV	34°, 47%, 66%
XYZ	26.4772, 26.0963, 13.0941
YIQ	139.0360, 34.7090, -6.7870

Conversions

Conversions Part 2

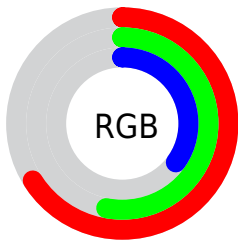
Format	Color
RYB	149, 168, 89
Decimal	11044441
CIELab	58.13, 7.03, 29.09
CIElCh	58, 29.926, 76.414
Yxy	26.0963, 0.4032, 0.3974
Android (android.graphics.Color)	4289234521 (0xFFA88659)
YUV	139.0360, -24.6677, 25.4014
Hunter-Lab	51.0845, 3.1188, 20.5618

Details

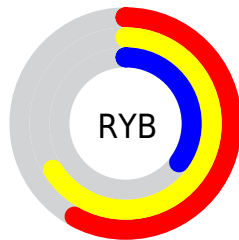
The Yxy color **26.0963, 0.4032, 0.3974** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.1187, 0.2368, 0.2478**, and the grayscale version is **25.9210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4416, 0.3845, 0.3836**, and **10.2416, 0.4337, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **23.9157, 0.4271, 0.4104**, and if you desaturate by 10%, it is **28.4804, 0.3805, 0.3830**.

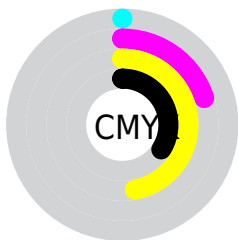
Distribution



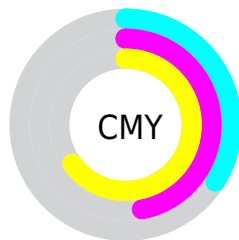
- Red (66%)
- Green (53%)
- Blue (35%)



- Red (58%)
- Yellow (66%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0963, 0.4032, 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 26.0963, 0.4032, 0.3974 by changing the saturation by 10% instead.


 26.0963, 0.4032,
0.3974


 26.0963, 0.4032,
0.3974


283.2545, 0.3540,
0.3616


 16.8957, 0.4165,
0.4064


 53.4303, 0.3845,
0.3842

 10.1602, 0.4340,
0.4177


 72.3324, 0.3777,
0.3793


 5.5053, 0.4575,
0.4317

 95.2372, 0.3721,
0.3751

 2.5467, 0.5079,
0.4645

 122.5290, 0.3673,
0.3716

 0.8999, 0.5363,
0.4637

 154.5923, 0.3633,
0.3686

 0.0000, 0.0000,
0.0000

191.8113, 0.3598,

0.3660

234.5706, 0.3567,
0.3636

■ 26.0963, 0.4032,
0.3974

■ 26.0963, 0.4032,
0.3974

■ 23.9157, 0.4271,
0.4104

■ 28.4804, 0.3805,
0.3830

■ 21.9279, 0.4513,
0.4209

■ 31.0711, 0.3596,
0.3680

■ 20.1262, 0.4747,
0.4277

■ 33.8758, 0.3406,
0.3531

■ 18.5019, 0.4960,
0.4298

■ 36.9003, 0.3235,
0.3387

■ 17.0434, 0.5142,
0.4269

■ 40.1505, 0.3084,
0.3250

■ 16.6353, 0.5195,
0.4257

■ 43.6316, 0.2951,
0.3123

■ 47.3489, 0.2833,
0.3005

■ 51.3073, 0.2729,
0.2897

■ 55.5116, 0.2638,
0.2798

Harmonies

Analogous

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



26.0963, 0.4140, 0.3610



26.0963, 0.4032, 0.3974



26.0963, 0.3678, 0.4194

Triad

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



26.0963, 0.4032, 0.3974



26.0963, 0.2360, 0.3294



26.0963, 0.2996, 0.2589

Complementary

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



26.0963, 0.4032, 0.3974



19.1187, 0.2368, 0.2478

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.



26.0963, 0.2552, 0.2483



26.0963, 0.4032, 0.3974



26.0963, 0.2210, 0.2841

Square

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



26.0963, 0.4032, 0.3974



26.0963, 0.2711, 0.3798



26.0963, 0.2278, 0.2562



26.0963, 0.3514, 0.2847

Rectangle

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



26.0963, 0.4032, 0.3974



26.0963, 0.3360, 0.4197



26.0963, 0.2278, 0.2562



26.0963, 0.2833, 0.2534

Sweetspot

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



26.0975, 0.4032, 0.3974



62.9475, 0.3356, 0.3490



16.9070, 0.3817, 0.2768



13.4777, 0.3393, 0.3520



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.



26.0975, 0.4032, 0.3974



43.3948, 0.4271, 0.4104



36.4858, 0.3753, 0.4438



8.2249, 0.3272, 0.3419



12.6655, 0.5183, 0.4267



0.4068, 0.4778, 0.4588

Inverse Universe

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



19.1187, 0.2368, 0.2478



29.2487, 0.2208, 0.2265



12.3674, 0.2306, 0.1866



7.8117, 0.2987, 0.3158



5.7629, 0.1718, 0.1384



0.2425, 0.1903, 0.2050

Previews

White Background



This preview shows how the Yxy color 26.0963, 0.4032, 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 26.0963, 0.4032, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

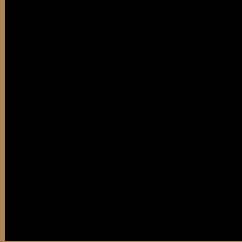
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0963, 0.4032, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 26.0963, 0.4032, 0.3974.



This preview shows how white text looks on a background with the Yxy color 26.0963, 0.4032, 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

26.0963, 0.4032, 0.3974

Protanopia

26.1869, 0.3779, 0.4087

Deuteranopia

26.2065, 0.4044, 0.3971



Tritanopia

26.1576, 0.3549, 0.3143

Trichromacy



Original Color

26.0963, 0.4032, 0.3974

Protanomaly

26.1842, 0.3874, 0.4052

Deuteranomaly

26.2065, 0.4044, 0.3971

Tritanomaly

25.9793, 0.3733, 0.3443

Monochromacy



Original Color

26.0963, 0.4032, 0.3974

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7558, 0.3446, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0963, 0.4032, 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, 134, 89)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 89)  
}
```

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, 134, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.0963, 0.4032, 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, 134, 89) }
```

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

```
.border{ border-color:rgb(168, 134, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 89);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0963, 0.4032, 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, 134, 89) }
```

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

```
.background{ background-color: rgb(168,  
134, 89) }
```

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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