

Converting Colors

$Y_{xy}(26.1253, 0.4097, 0.4041)$

Have a look what the booklet for
Yxy(26.1253, 0.4097, 0.4041)
contains.

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Color

Yxy(26.1253, 0.4097, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	A98654
RGB	169, 134, 84
RGB Percent	66%, 53%, 33%
CMY	0.3373, 0.4745, 0.6705
CMYK	0.00, 0.21, 0.50, 0.34
HSL	35°, 34%, 50%
HSV	35°, 50%, 66%
XYZ	26.4873, 26.1253, 12.0379
YIQ	138.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

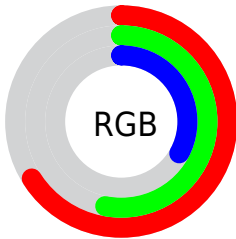
Format	Color
RYB	144, 169, 84
Decimal	11109972
CIELab	58.16, 6.95, 31.86
CIElCh	58, 32.614, 77.690
Yxy	26.1253, 0.4097, 0.4041
Android (android.graphics.Color)	4289300052 (0xFFA98654)
YUV	138.7650, -26.9991, 26.5161
Hunter-Lab	51.1129, 3.0533, 21.8153

Details

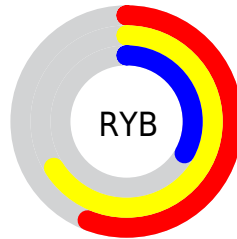
The Yxy color **26.1253, 0.4097, 0.4041** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9461, 0.2309, 0.2379**, and the grayscale version is **25.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4306, 0.3903, 0.3902**, and **10.2754, 0.4420, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **24.0320, 0.4331, 0.4168**, and if you desaturate by 10%, it is **28.4116, 0.3871, 0.3896**.

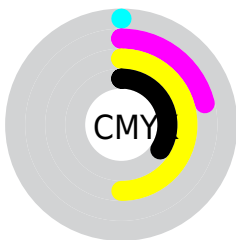
Distribution



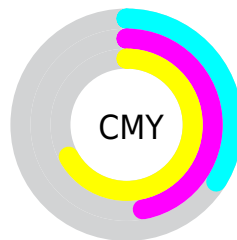
- Red (66%)
- Green (53%)
- Blue (33%)



- Red (56%)
- Yellow (66%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1253, 0.4097, 0.4041 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 26.1253, 0.4097, 0.4041 by changing the saturation by 10% instead.


 26.1253, 0.4097,
0.4041


 26.1253, 0.4097,
0.4041


283.3966, 0.3573,
0.3650

 16.9174, 0.4237,
0.4138


 53.4770, 0.3899,
0.3898


 10.1756, 0.4418,
0.4257


 72.3896, 0.3826,
0.3844

 5.5156, 0.4658,
0.4400

 95.3059, 0.3766,
0.3799

 2.5528, 0.5219,
0.4781

 122.6103, 0.3715,
0.3760

 0.9030, 0.5357,
0.4643

 154.6872, 0.3672,
0.3727

 0.0000, 0.0000,
0.0000

191.9209, 0.3634,

0.3698

234.6959, 0.3601,
0.3673

■ 26.1253, 0.4097,
0.4041

■ 26.1253, 0.4097,
0.4041

■ 24.0320, 0.4331,
0.4168

■ 28.4116, 0.3871,
0.3896

■ 22.1208, 0.4564,
0.4266

■ 30.8937, 0.3658,
0.3743

■ 20.3853, 0.4784,
0.4323

■ 33.5790, 0.3464,
0.3588

■ 18.8165, 0.4979,
0.4331

■ 36.4732, 0.3288,
0.3437

■ 17.4358, 0.5143,
0.4298

■ 39.5819, 0.3131,
0.3294

■ 42.9104, 0.2992,
0.3159

■ 46.4635, 0.2869,
0.3034

■ 50.2463, 0.2761,
0.2919

■ 54.2633, 0.2665,
0.2813

Harmonies

Analogous

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



26.1253, 0.4231, 0.3647



26.1253, 0.4097, 0.4041



26.1253, 0.3700, 0.4279

Triad

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



26.1253, 0.4097, 0.4041



26.1253, 0.2284, 0.3266



26.1253, 0.3005, 0.2542

Complementary

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



26.1253, 0.4097, 0.4041



17.9461, 0.2309, 0.2379

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.



26.1253, 0.2520, 0.2420



26.1253, 0.4097, 0.4041



26.1253, 0.2135, 0.2781

Square

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



26.1253, 0.4097, 0.4041



26.1253, 0.2653, 0.3825



26.1253, 0.2218, 0.2492



26.1253, 0.3570, 0.2825

Rectangle

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



26.1253, 0.4097, 0.4041



26.1253, 0.3352, 0.4279



26.1253, 0.2218, 0.2492



26.1253, 0.2828, 0.2481

Sweetspot

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



26.1265, 0.4097, 0.4041



62.6938, 0.3373, 0.3512



16.1204, 0.3912, 0.2756



13.4385, 0.3409, 0.3542



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.



26.1265, 0.4097, 0.4041



42.7602, 0.4350, 0.4177



36.6869, 0.3777, 0.4517



8.2480, 0.3272, 0.3423



13.1030, 0.5130, 0.4308



0.4159, 0.4748, 0.4612

Inverse Universe

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



17.9461, 0.2309, 0.2379



26.5076, 0.2137, 0.2139



11.4374, 0.2253, 0.1758



7.7890, 0.2986, 0.3154



5.4618, 0.1702, 0.1328



0.2343, 0.1890, 0.2003

Previews

White Background



This preview shows how the Yxy color 26.1253, 0.4097, 0.4041 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 26.1253, 0.4097, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

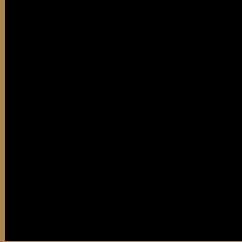
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1253, 0.4097, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 26.1253, 0.4097, 0.4041.



This preview shows how white text looks on a background with the Yxy color 26.1253, 0.4097, 0.4041.

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

26.1253, 0.4097, 0.4041

Protanopia

26.2004, 0.3842, 0.4160

Deuteranopia

26.2363, 0.4109, 0.4037



Tritanopia

26.2432, 0.3573, 0.3158

Trichromacy



Original Color

26.1253, 0.4097, 0.4041

Protanomaly

26.2038, 0.3937, 0.4122

Deuteranomaly

26.2363, 0.4109, 0.4037

Tritanomaly

26.0439, 0.3769, 0.3473

Monochromacy



Original Color

26.1253, 0.4097, 0.4041

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7073, 0.3468, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1253, 0.4097, 0.4041 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(169, 134, 84)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 84)  
}
```

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(169, 134, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 134, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.1253, 0.4097, 0.4041 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(169, 134, 84) }
```

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

```
.border{ border-color:rgb(169, 134, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 134, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 134, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 134, 84);  
box-shadow:4px 4px 4px 4px rgb(169, 134,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1253, 0.4097, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 134, 84) }
```

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

```
.background{ background-color: rgb(169,  
134, 84) }
```

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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