

Converting Colors

$Y_{xy}(26.3294, 0.4020, 0.3941)$

Have a look what the booklet for
Yxy(26.3294, 0.4020, 0.3941)
contains.

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Color

$Yxy(26.2405, 0.4022, 0.3942)$

Conversions

Conversions Part 1

Format	Color
Hex	A9865B
RGB	169, 134, 91
RGB Percent	66%, 53%, 36%
CMY	0.3373, 0.4745, 0.6431
CMYK	0.00, 0.21, 0.46, 0.34
HSL	33°, 31%, 51%
HSV	33°, 46%, 66%
XYZ	26.7730, 26.2405, 13.5529
YIQ	139.5630, 34.6630, -5.9530

Conversions

Conversions Part 2

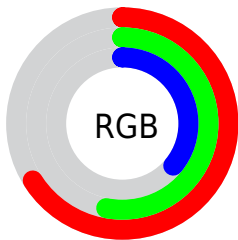
Format	Color
RYB	154, 169, 91
Decimal	11109979
CIELab	58.26, 7.65, 28.18
CIELCh	58, 29.204, 74.806
Yxy	26.2405, 0.4022, 0.3942
Android (android.graphics.Color)	4289300059 (0xFFA9865B)
YUV	139.5630, -23.9416, 25.8162
Hunter-Lab	51.2255, 3.6485, 20.1712

Details

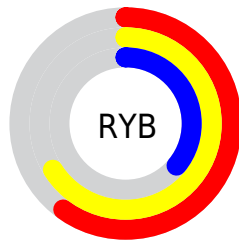
The Yxy color **26.2405, 0.4022, 0.3942** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.0050, 0.2387, 0.2522**, and the grayscale version is **26.1320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6624, 0.3837, 0.3812**, and **10.3237, 0.4326, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **23.9614, 0.4266, 0.4070**, and if you desaturate by 10%, it is **28.7379, 0.3792, 0.3801**.

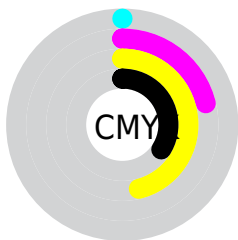
Distribution



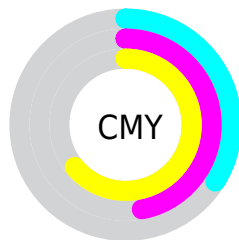
- Red (66%)
- Green (53%)
- Blue (36%)



- Red (60%)
- Yellow (66%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2405, 0.4022, 0.3942 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 26.2405, 0.4022, 0.3942 by changing the saturation by 10% instead.


 26.2405, 0.4022,
0.3942


 26.2405, 0.4022,
0.3942


283.9607, 0.3535,
0.3601


 17.0036, 0.4154,
0.4028


 53.6627, 0.3836,
0.3817

 10.2371, 0.4329,
0.4135


 72.6168, 0.3769,
0.3770

 5.5564, 0.4565,
0.4269

 95.5788, 0.3714,
0.3730

 2.5773, 0.5037,
0.4554

 122.9330, 0.3667,
0.3697

 0.9153, 0.5402,
0.4598

155.0640, 0.3626,
0.3668

 0.0000, 1.0000,
0.0000

192.3560, 0.3592,

 0.0000, 0.0000,

0.3643

0.0000

235.1934, 0.3562,
0.3621

■ 26.2405, 0.4022,
0.3942

■ 26.2405, 0.4022,
0.3942

■ 23.9614, 0.4266,
0.4070

■ 28.7379, 0.3792,
0.3801

■ 21.8893, 0.4515,
0.4174

■ 31.4570, 0.3581,
0.3655

■ 20.0172, 0.4759,
0.4241


■ 34.4057, 0.3391,
0.3511

■ 18.3360, 0.4984,
0.4263


■ 37.5903, 0.3221,
0.3372

■ 16.8344, 0.5176,
0.4233

■ 41.0169, 0.3072,
0.3240

 16.2958, 0.5248,
0.4215

 44.6911, 0.2940,
0.3118

 48.6185, 0.2824,
0.3005

 52.8046, 0.2722,
0.2901

 57.2544, 0.2633,
0.2806

Harmonies

Analogous

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



26.2405, 0.4111, 0.3583



26.2405, 0.4022, 0.3942



26.2405, 0.3688, 0.4165

Triad

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



26.2405, 0.4022, 0.3942



26.2405, 0.2393, 0.3321



26.2405, 0.2974, 0.2595

Complementary

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



26.2405, 0.4022, 0.3942



20.0050, 0.2387, 0.2522

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.



26.2405, 0.2547, 0.2501



26.2405, 0.4022, 0.3942



26.2405, 0.2234, 0.2873

Square

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



26.2405, 0.4022, 0.3942



26.2405, 0.2745, 0.3808



26.2405, 0.2289, 0.2590



26.2405, 0.3478, 0.2841

Rectangle

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



26.2405, 0.4022, 0.3942



26.2405, 0.3382, 0.4177



26.2405, 0.2289, 0.2590



26.2405, 0.2817, 0.2545

Sweetspot

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



26.2417, 0.4022, 0.3942



62.6800, 0.3357, 0.3484



17.4255, 0.3779, 0.2758



13.4118, 0.3394, 0.3513



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.



26.2417, 0.4022, 0.3942



42.9855, 0.4262, 0.4068



37.1331, 0.3756, 0.4413



8.2024, 0.3273, 0.3415



12.2560, 0.5234, 0.4226



0.3981, 0.4808, 0.4565

Inverse Universe

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



20.0050, 0.2387, 0.2522



30.4760, 0.2230, 0.2321



12.7754, 0.2311, 0.1891



7.8338, 0.2987, 0.3162



6.0704, 0.1734, 0.1441



0.2506, 0.1915, 0.2094

Previews

White Background



This preview shows how the Yxy color 26.2405, 0.4022, 0.3942 looks on a white background.

Color Contrast Check

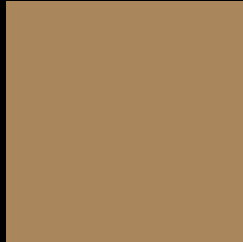
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2405, 0.4022, 0.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

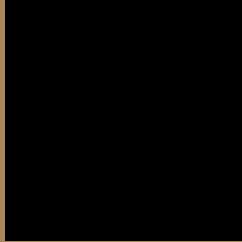
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2405, 0.4022, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 26.2405, 0.4022, 0.3942.



This preview shows how white text looks on a background with the Yxy color 26.2405, 0.4022, 0.3942.

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

26.2405, 0.4022, 0.3942

Protanopia

26.2397, 0.3748, 0.4039

Deuteranopia

26.2405, 0.4022, 0.3942



Tritanopia

26.1576, 0.3549, 0.3143

Trichromacy



Original Color

26.2405, 0.4022, 0.3942

Protanomaly

26.2364, 0.3842, 0.4006

Deuteranomaly

26.2405, 0.4022, 0.3942

Tritanomaly

26.1164, 0.3733, 0.3428

Monochromacy



Original Color

26.2405, 0.4022, 0.3942

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1614, 0.3444, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2405, 0.4022, 0.3942 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(169, 134, 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(169, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 134, 91) }
```

Border

The CSS property to change the border of an element to Yxy 26.2405, 0.4022, 0.3942 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, 91) }
```

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

```
.border{ border-color:rgb(169, 134, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(169, 134,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2405, 0.4022, 0.3942 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, 91) }
```

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

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