

Converting Colors

$Y_{xy}(25.9982, 0.4036, 0.3995)$

Have a look what the booklet for
Yxy(25.9982, 0.4036, 0.3995)
contains.

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Color

Yxy(25.9703, 0.4031, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	A78658
RGB	167, 134, 88
RGB Percent	65%, 53%, 35%
CMY	0.3451, 0.4745, 0.6549
CMYK	0.00, 0.20, 0.47, 0.35
HSL	35°, 31%, 50%
HSV	35°, 47%, 65%
XYZ	26.2240, 25.9703, 12.8615
YIQ	138.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

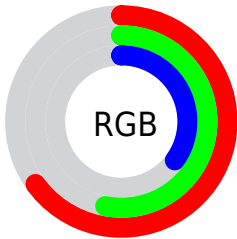
Format	Color
RYB	145, 167, 88
Decimal	10978904
CIELab	58.01, 6.50, 29.47
CIELCh	58, 30.179, 77.560
Yxy	25.9703, 0.4031, 0.3992
Android (android.graphics.Color)	4289168984 (0xFFA78658)
YUV	138.6230, -24.9571, 24.8866
Hunter-Lab	50.9611, 2.6723, 20.7091

Details

The Yxy color $25.9703, 0.4031, 0.3992$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $18.5397, 0.2360, 0.2453$, and the grayscale version is $25.7547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2520, 0.3844, 0.3850$, and $10.1678, 0.4333, 0.4213$ is the 20% darker color. If you saturate the color by 10%, you get $23.8604, 0.4266, 0.4124$, and if you desaturate by 10%, it is $28.2734, 0.3807, 0.3845$.

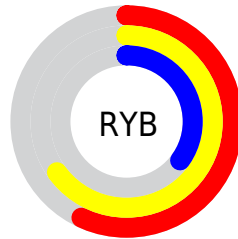
Distribution



Red (65%)

Green (53%)

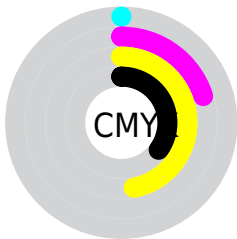
Blue (35%)



Red (57%)

Yellow (65%)

Blue (35%)

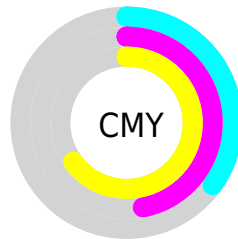


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9703, 0.4031, 0.3992 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 25.9703, 0.4031, 0.3992 by changing the saturation by 10% instead.


 25.9703, 0.4031,
0.3992


 25.9703, 0.4031,
0.3992


282.6363, 0.3540,
0.3624


 16.8014, 0.4164,
0.4085


 53.2270, 0.3844,
0.3856


 10.0930, 0.4337,
0.4202


 72.0837, 0.3777,
0.3805


 5.4607, 0.4571,
0.4347

 94.9384, 0.3720,
0.3763

 2.5200, 0.5091,
0.4703

 122.1755, 0.3673,
0.3727

 0.8866, 0.5329,
0.4671

 154.1794, 0.3632,
0.3695

 0.0000, 0.0000,
0.0000

191.3346, 0.3597,

0.3668

234.0254, 0.3567,
0.3645

■ 25.9703, 0.4031,
0.3992

■ 25.9703, 0.4031,
0.3992

■ 23.8604, 0.4266,
0.4124

■ 28.2734, 0.3807,
0.3845

■ 21.9330, 0.4502,
0.4231

■ 30.7722, 0.3599,
0.3692

■ 20.1820, 0.4730,
0.4300

■ 33.4739, 0.3410,
0.3540

■ 18.5991, 0.4936,
0.4323

■ 36.3842, 0.3240,
0.3393

■ 17.1725, 0.5112,
0.4296

■ 39.5085, 0.3088,
0.3253

■ 16.8109, 0.5159,
0.4286

■ 42.8518, 0.2954,
0.3123

■ 46.4191, 0.2836,
0.3002

■ 50.2151, 0.2732,
0.2891

■ 54.2443, 0.2640,
0.2789

Harmonies

Analogous

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



25.9703, 0.4151, 0.3627



25.9703, 0.4031, 0.3992



25.9703, 0.3665, 0.4207

Triad

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



25.9703, 0.4031, 0.3992



25.9703, 0.2343, 0.3274



25.9703, 0.3014, 0.2590

Complementary

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



25.9703, 0.4031, 0.3992



18.5397, 0.2360, 0.2453

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.



25.9703, 0.2561, 0.2476



25.9703, 0.4031, 0.3992



25.9703, 0.2200, 0.2822

Square

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



25.9703, 0.4031, 0.3992



25.9703, 0.2690, 0.3786



25.9703, 0.2277, 0.2548



25.9703, 0.3537, 0.2855

Rectangle

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



25.9703, 0.4031, 0.3992



25.9703, 0.3343, 0.4203



25.9703, 0.2277, 0.2548



25.9703, 0.2849, 0.2533

Sweetspot

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



25.9715, 0.4031, 0.3992



61.4967, 0.3356, 0.3494



16.6058, 0.3823, 0.2766



13.5240, 0.3392, 0.3525



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.



25.9715, 0.4031, 0.3992



42.4683, 0.4283, 0.4133



35.9993, 0.3756, 0.4444



8.2406, 0.3272, 0.3421



12.9609, 0.5147, 0.4295



0.4130, 0.4758, 0.4604

Inverse Universe

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



18.5397, 0.2360, 0.2453



27.5279, 0.2187, 0.2220



12.1097, 0.2301, 0.1857



7.7962, 0.2986, 0.3155



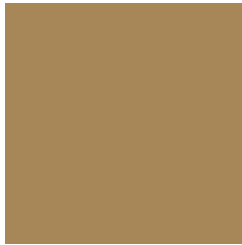
5.5566, 0.1707, 0.1346



0.2369, 0.1894, 0.2018

Previews

White Background



This preview shows how the Yxy color 25.9703, 0.4031, 0.3992 looks on a white background.

Color Contrast Check

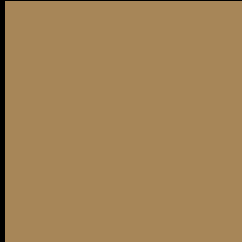
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9703, 0.4031, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

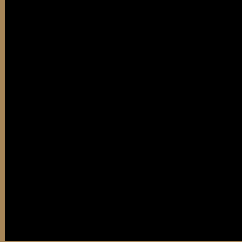
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9703, 0.4031, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 25.9703, 0.4031, 0.3992.



This preview shows how white text looks on a background with the Yxy color 25.9703, 0.4031, 0.3992.

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

25.9703, 0.4031, 0.3992

Protanopia

26.1698, 0.3789, 0.4102

Deuteranopia

25.8045, 0.4050, 0.3974



Tritanopia

26.0440, 0.3537, 0.3142

Trichromacy



Original Color

25.9703, 0.4031, 0.3992

Protanomaly

26.0663, 0.3872, 0.4070

Deuteranomaly

25.8045, 0.4050, 0.3974

Tritanomaly

25.8674, 0.3721, 0.3444

Monochromacy



Original Color

25.9703, 0.4031, 0.3992

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6369, 0.3445, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9703, 0.4031, 0.3992 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(167, 134, 88)` looks like.

```
.text, #text, p{  
    color:rgb(167, 134, 88)  
}
```

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(167, 134, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 134, 88) }
```

Border

The CSS property to change the border of an element to Yxy 25.9703, 0.4031, 0.3992 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(167, 134, 88) }
```

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

```
.border{ border-color:rgb(167, 134, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 134, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 134, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 134, 88);  
box-shadow:4px 4px 4px 4px rgb(167, 134,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9703, 0.4031, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 134, 88) }
```

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

```
.background{ background-color: rgb(167,  
134, 88) }
```

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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