

Converting Colors

$Y_{xy}(24.9966, 0.3894, 0.3872)$

Have a look what the booklet for
Yxy(24.9966, 0.3894, 0.3872)
contains.

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Color

Yxy(24.9058, 0.3894, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	A1845F
RGB	161, 132, 95
RGB Percent	63%, 52%, 37%
CMY	0.3686, 0.4823, 0.6274
CMYK	0.00, 0.18, 0.41, 0.37
HSL	34°, 26%, 50%
HSV	34°, 41%, 63%
XYZ	25.0150, 24.9058, 14.3191
YIQ	136.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

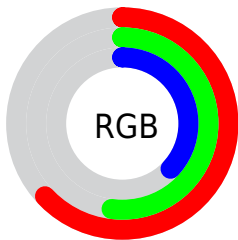
Format	Color
R_{YB}	147, 161, 95
Decimal	10585183
CIE _{Lab}	56.98, 5.84, 24.13
CIE _{LCh}	57, 24.824, 76.395
Yxy	24.9058, 0.3894, 0.3877
Android (android.graphics.Color)	4288775263 (0xFFA1845F)
YUV	136.4530, -20.4363, 21.5277
Hunter-Lab	49.9057, 2.1373, 17.9224

Details

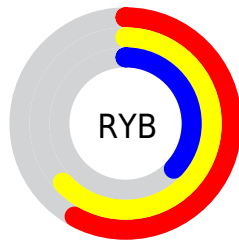
The Yxy color **24.9058, 0.3894, 0.3877** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4250, 0.2472, 0.2615**, and the grayscale version is **24.8704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5250, 0.3730, 0.3758**, and **9.5881, 0.4170, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **22.7895, 0.4128, 0.4015**, and if you desaturate by 10%, it is **27.2151, 0.3676, 0.3731**.

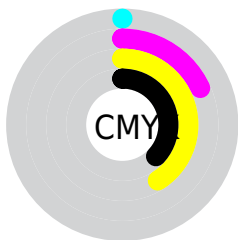
Distribution



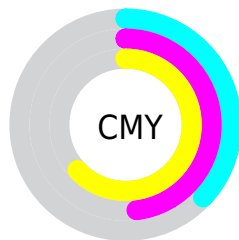
- Red (63%)
- Green (52%)
- Blue (37%)



- Red (58%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9058, 0.3894, 0.3877 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 24.9058, 0.3894, 0.3877 by changing the saturation by 10% instead.


 24.9058, 0.3894,
0.3877

 24.9058, 0.3894,
0.3877


277.3685, 0.3472,
0.3564


 16.0069, 0.4012,
0.3960


 51.5044, 0.3731,
0.3759


 9.5290, 0.4169,
0.4066


 69.9728, 0.3673,
0.3716

 5.0878, 0.4388,
0.4207

 92.3999, 0.3625,
0.3680

 2.2989, 0.4811,
0.4486

 119.1700, 0.3585,
0.3650

 0.7731, 0.5317,
0.4683

150.6675, 0.3550,
0.3623

 0.0000, 0.0000,
0.0000

187.2768, 0.3521,

0.3601

229.3824, 0.3495,
0.3581

■ 24.9058, 0.3894,
0.3877

■ 24.9058, 0.3894,
0.3877

■ 22.7895, 0.4128,
0.4015

■ 27.2151, 0.3676,
0.3731

■ 20.8563, 0.4371,
0.4134

■ 29.7199, 0.3478,
0.3584

■ 19.1007, 0.4615,
0.4225

■ 32.4268, 0.3300,
0.3440

■ 17.5151, 0.4846,
0.4274

■ 35.3412, 0.3142,
0.3303

■ 16.0912, 0.5052,
0.4274

■ 38.4682, 0.3002,
0.3175

■ 14.9315, 0.5217,
0.4240

■ 41.8127, 0.2879,
0.3055

■ 45.3793, 0.2770,
0.2946

■ 49.1727, 0.2675,
0.2845

■ 53.1970, 0.2591,
0.2752

Harmonies

Analogous

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



24.9058, 0.3980, 0.3571



24.9058, 0.3894, 0.3877



24.9058, 0.3599, 0.4051

Triad

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



24.9058, 0.3894, 0.3877



24.9058, 0.2476, 0.3299



24.9058, 0.3019, 0.2689

Complementary

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



24.9058, 0.3894, 0.3877



19.4250, 0.2472, 0.2615

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.



24.9058, 0.2640, 0.2600



24.9058, 0.3894, 0.3877



24.9058, 0.2344, 0.2916

Square

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



24.9058, 0.3894, 0.3877



24.9058, 0.2779, 0.3714



24.9058, 0.2402, 0.2673



24.9058, 0.3455, 0.2912

Rectangle

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



24.9058, 0.3894, 0.3877



24.9058, 0.3331, 0.4047



24.9058, 0.2402, 0.2673



24.9058, 0.2881, 0.2642

Sweetspot

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



24.9070, 0.3894, 0.3877



57.4529, 0.3321, 0.3457



17.2375, 0.3675, 0.2818



12.4703, 0.3342, 0.3474



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.9070, 0.3894, 0.3877



41.2022, 0.4102, 0.4001



33.5541, 0.3690, 0.4291



7.7137, 0.3272, 0.3416



12.0079, 0.5206, 0.4248



0.3444, 0.4753, 0.4608

Inverse Universe

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



19.4250, 0.2472, 0.2615



30.0597, 0.2326, 0.2435



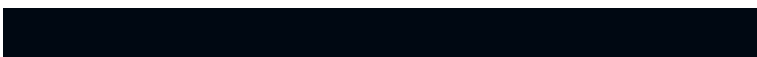
13.3749, 0.2420, 0.2075



7.3482, 0.2987, 0.3161



5.7074, 0.1727, 0.1415



0.2135, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 24.9058, 0.3894, 0.3877 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 24.9058, 0.3894, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

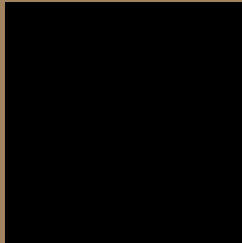
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9058, 0.3894, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 24.9058, 0.3894, 0.3877.



This preview shows how white text looks on a background with the Yxy color 24.9058, 0.3894, 0.3877.

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

24.9058, 0.3894, 0.3877

Protanopia

25.0503, 0.3684, 0.3959

Deuteranopia

24.8454, 0.3925, 0.3857



Tritanopia

24.9557, 0.3480, 0.3152

Trichromacy



Original Color

24.9058, 0.3894, 0.3877

Protanomaly

24.9448, 0.3767, 0.3930

Deuteranomaly

24.7402, 0.3913, 0.3859

Tritanomaly

24.9735, 0.3641, 0.3417

Monochromacy



Original Color

24.9058, 0.3894, 0.3877

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7282, 0.3393, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9058, 0.3894, 0.3877 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(161, 132, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 132, 95)  
}
```

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(161, 132, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 132, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.9058, 0.3894, 0.3877 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(161, 132, 95) }
```

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

```
.border{ border-color:rgb(161, 132, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 132, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 132, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 132, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 132,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9058, 0.3894, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 132, 95) }
```

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

```
.background{ background-color: rgb(161,  
132, 95) }
```

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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