

Converting Colors

$Yxy(25.9833, 0.3934, 0.3452)$

Have a look what the booklet for
Yxy(25.9833, 0.3934, 0.3452)
contains.

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Color

Yxy(25.9833, 0.3934, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	B57E73
RGB	181, 126, 115
RGB Percent	71%, 49%, 45%
CMY	0.2902, 0.5059, 0.5490
CMYK	0.00, 0.30, 0.36, 0.29
HSL	10°, 31%, 58%
HSV	10°, 36%, 71%
XYZ	29.6113, 25.9833, 19.6757
YIQ	141.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

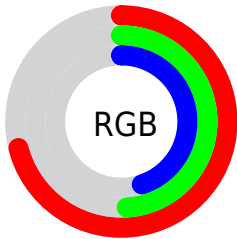
Format	Color
R_{YB}	181, 128, 115
Decimal	11894387
CIE _{Lab}	58.02, 19.90, 14.55
CIE _{LCh}	58, 24.652, 36.176
Yxy	25.9833, 0.3934, 0.3452
Android (android.graphics.Color)	4290084467 (0xFFB57E73)
YUV	141.1910, -12.9122, 34.9125
Hunter-Lab	50.9738, 14.4887, 12.7960

Details

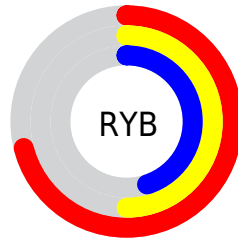
The Yxy color **25.9833, 0.3934, 0.3452** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.7302, 0.2600, 0.3119**, and the grayscale version is **26.7566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2074, 0.3757, 0.3426**, and **10.1486, 0.4225, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **22.0368, 0.4264, 0.3495**, and if you desaturate by 10%, it is **30.5957, 0.3655, 0.3406**.

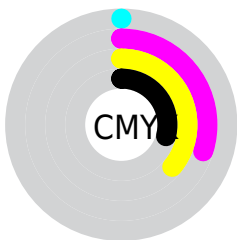
Distribution



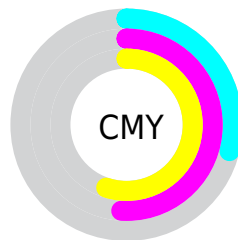
- Red (71%)
- Green (49%)
- Blue (45%)



- Red (71%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9833, 0.3934, 0.3452 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 25.9833, 0.3934, 0.3452 by changing the saturation by 10% instead.


 25.9833, 0.3934,
0.3452


 25.9833, 0.3934,
0.3452


282.7001, 0.3487,
0.3376


 16.8111, 0.4062,
0.3468


 53.2480, 0.3760,
0.3426

 10.0999, 0.4236,
0.3485


 72.1093, 0.3699,
0.3416

 5.4653, 0.4487,
0.3500

 94.9692, 0.3648,
0.3407

 2.5228, 0.4876,
0.3502

122.2120, 0.3605,
0.3399

 0.8880, 0.6169,
0.3831

154.2221, 0.3569,
0.3392

 0.0000, 1.0000,
0.0000

191.3838, 0.3538,

 0.0000, 0.0000,

0.3386

0.0000

234.0817, 0.3511,
0.3381

■ 25.9833, 0.3934,
0.3452

■ 25.9833, 0.3934,
0.3452

■ 22.0368, 0.4264,
0.3495

■ 30.5957, 0.3655,
0.3406

■ 18.7217, 0.4645,
0.3531

■ 35.8990, 0.3423,
0.3360

■ 16.0060, 0.5061,
0.3551

■ 41.9215, 0.3232,
0.3316


■ 13.8535, 0.5482,
0.3547


■ 48.6888, 0.3075,
0.3276


■ 12.2237, 0.5861,
0.3513

■ 56.2251, 0.2945,
0.3239


 11.0697, 0.6147,
0.3453

 64.5538, 0.2837,
0.3206

 10.7607, 0.6231,
0.3434

 73.6969, 0.2748,
0.3175

 83.3627, 0.2696,
0.3199

 88.5635, 0.2706,
0.3289

Harmonies

Analogous

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



25.9833, 0.3698, 0.3116



25.9833, 0.3934, 0.3452



25.9833, 0.3933, 0.3774

Triad

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



25.9833, 0.3934, 0.3452



25.9833, 0.2916, 0.3822



25.9833, 0.2552, 0.2619

Complementary

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



25.9833, 0.3934, 0.3452



35.7302, 0.2600, 0.3119

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.



25.9833, 0.2375, 0.2749



25.9833, 0.3934, 0.3452



25.9833, 0.2573, 0.3441

Square

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



25.9833, 0.3934, 0.3452



25.9833, 0.3330, 0.4031



25.9833, 0.2382, 0.3041



25.9833, 0.2883, 0.2654

Rectangle

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



25.9833, 0.3934, 0.3452



25.9833, 0.3803, 0.3940



25.9833, 0.2382, 0.3041



25.9833, 0.2474, 0.2643

Sweetspot

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



25.9845, 0.3934, 0.3452



69.8239, 0.3318, 0.3337



24.9886, 0.3291, 0.2535



14.7834, 0.3343, 0.3342



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.9845, 0.3934, 0.3452



40.6057, 0.4204, 0.3488



35.8580, 0.3766, 0.3909



8.7266, 0.3283, 0.3329



7.4892, 0.6214, 0.3448



0.3054, 0.5747, 0.3819

Inverse Universe

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



35.7302, 0.2600, 0.3119



60.6598, 0.2497, 0.3074



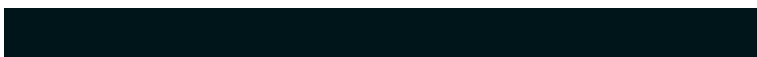
24.8736, 0.2525, 0.2579



9.3856, 0.2986, 0.3251



17.6076, 0.2100, 0.2758



0.6179, 0.2145, 0.2921

Previews

White Background



This preview shows how the Yxy color 25.9833, 0.3934, 0.3452 looks on a white background.

Color Contrast Check

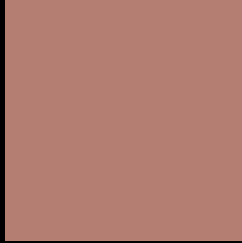
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9833, 0.3934, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

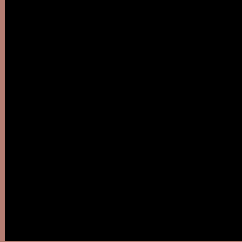
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9833, 0.3934, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 25.9833, 0.3934, 0.3452.



This preview shows how white text looks on a background with the Yxy color 25.9833, 0.3934, 0.3452.

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

25.9833, 0.3934, 0.3452

Protanopia

25.9814, 0.3383, 0.3573

Deuteranopia

25.9238, 0.3690, 0.3622



Tritanopia

25.9267, 0.3746, 0.3149

Trichromacy



Original Color

25.9833, 0.3934, 0.3452

Protanomaly

25.7530, 0.3585, 0.3530

Deuteranomaly

25.8825, 0.3776, 0.3552

Tritanomaly

25.8667, 0.3818, 0.3263

Monochromacy



Original Color

25.9833, 0.3934, 0.3452

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3422, 0.3397, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9833, 0.3934, 0.3452 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(181, 126, 115)` looks like.

```
.text, #text, p{  
  color:rgb(181, 126, 115)  
}
```

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(181, 126, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 126, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.9833, 0.3934, 0.3452 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(181, 126, 115) }
```

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

```
.border{ border-color:rgb(181, 126, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 126, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 126, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 126, 115);  
box-shadow:4px 4px 4px 4px rgb(181, 126,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9833, 0.3934, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 126, 115) }
```

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

```
.background{ background-color: rgb(181,  
126, 115) }
```

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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