

Converting Colors

$Y_{xy}(25.7797, 0.4307, 0.3837)$

Have a look what the booklet for
Yxy(25.7797, 0.4307, 0.3837)
contains.

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Color

Yxy(25.8002, 0.4307, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	B87E57
RGB	184, 126, 87
RGB Percent	72%, 49%, 34%
CMY	0.2783, 0.5059, 0.6588
CMYK	0.00, 0.32, 0.53, 0.28
HSL	24°, 41%, 53%
HSV	24°, 53%, 72%
XYZ	28.9530, 25.8002, 12.4699
YIQ	138.8960, 47.0870, 0.1670

Conversions

Conversions Part 2

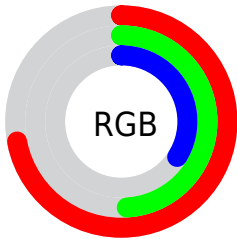
Format	Color
R_{YB}	184, 152, 87
Decimal	12090967
CIE _{Lab}	57.85, 18.12, 30.20
CIE _{LCh}	58, 35.216, 59.035
Yxy	25.8002, 0.4307, 0.3838
Android (android.graphics.Color)	4290281047 (0xFFB87E57)
YUV	138.8960, -25.5847, 39.5562
Hunter-Lab	50.7939, 12.8572, 21.0001

Details

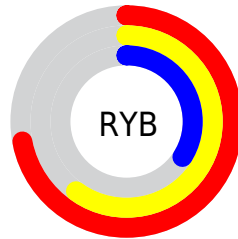
The Yxy color **25.8002, 0.4307, 0.3838** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.7482, 0.2327, 0.2638**, and the grayscale version is **25.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9236, 0.4059, 0.3752**, and **10.0501, 0.4718, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **22.8765, 0.4617, 0.3917**, and if you desaturate by 10%, it is **29.1129, 0.4019, 0.3740**.

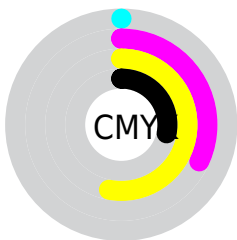
Distribution



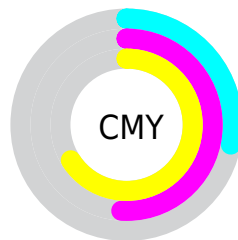
- Red (72%)
- Green (49%)
- Blue (34%)



- Red (72%)
- Yellow (60%)
- Blue (34%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8002, 0.4307, 0.3838 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 25.8002, 0.4307, 0.3838 by changing the saturation by 10% instead.


 25.8002, 0.4307,
0.3838

 25.8002, 0.4307,
0.3838


281.7999, 0.3661,
0.3570

 16.6742, 0.4483,
0.3896


 52.9524, 0.4060,
0.3745

 10.0025, 0.4716,
0.3960


 71.7475, 0.3971,
0.3709

 5.4006, 0.5030,
0.4021

 94.5344, 0.3897,
0.3677

 2.4842, 0.5706,
0.4226

 121.6975, 0.3835,
0.3650

 0.8687, 0.6074,
0.3926

 153.6212, 0.3782,
0.3626

 0.0000, 1.0000,
0.0000

190.6899, 0.3736,

 0.0000, 0.0000,

0.3605

0.0000

233.2880, 0.3696,
0.3587

■ 25.8002, 0.4307,
0.3838

■ 25.8002, 0.4307,
0.3838

■ 22.8765, 0.4617,
0.3917

■ 29.1129, 0.4019,
0.3740

■ 20.3220, 0.4937,
0.3965

■ 32.8256, 0.3761,
0.3633

■ 18.1206, 0.5245,
0.3969

■ 36.9534, 0.3535,
0.3524

■ 16.2531, 0.5517,
0.3922

■ 41.5098, 0.3338,
0.3417

■ 15.0857, 0.5691,
0.3864

■ 46.5072, 0.3169,
0.3316

■ 51.9576, 0.3024,
0.3222

■ 57.8727, 0.2899,
0.3135

■ 64.2634, 0.2792,
0.3056

■ 71.1406, 0.2700,
0.2983

Harmonies

Analogous

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



25.8002, 0.4235, 0.3378



25.8002, 0.4307, 0.3838



25.8002, 0.4036, 0.4223

Triad

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



25.8002, 0.4307, 0.3838



25.8002, 0.2438, 0.3647



25.8002, 0.2649, 0.2383

Complementary

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



25.8002, 0.4307, 0.3838



25.7482, 0.2327, 0.2638

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.



25.8002, 0.2245, 0.2375



25.8002, 0.4307, 0.3838



25.8002, 0.2130, 0.3040

Square

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



25.8002, 0.4307, 0.3838



25.8002, 0.2947, 0.4181



25.8002, 0.2066, 0.2591



25.8002, 0.3223, 0.2584

Rectangle

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



25.8002, 0.4307, 0.3838



25.8002, 0.3717, 0.4367



25.8002, 0.2066, 0.2591



25.8002, 0.2492, 0.2357

Sweetspot

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



25.8015, 0.4307, 0.3838



72.2090, 0.3405, 0.3454



19.0605, 0.3704, 0.2494



15.2025, 0.3444, 0.3476



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.8015, 0.4307, 0.3838



40.8039, 0.4659, 0.3926



41.2790, 0.3945, 0.4438



9.5888, 0.3278, 0.3382



10.5246, 0.5669, 0.3881



0.4932, 0.5200, 0.4253

Inverse Universe

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



25.7482, 0.2327, 0.2638



40.6261, 0.2180, 0.2467



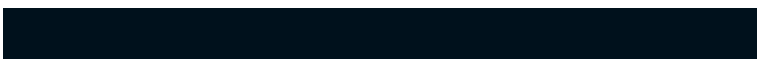
13.9820, 0.2158, 0.1793



9.5886, 0.2985, 0.3196



10.2200, 0.1871, 0.1935



0.4781, 0.1979, 0.2323

Previews

White Background



This preview shows how the Yxy color 25.8002, 0.4307, 0.3838 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 25.8002, 0.4307, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

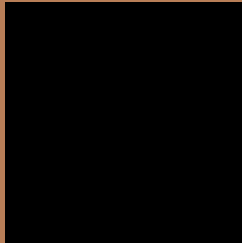
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8002, 0.4307, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 25.8002, 0.4307, 0.3838.



This preview shows how white text looks on a background with the Yxy color 25.8002, 0.4307, 0.3838.

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

25.8002, 0.4307, 0.3838

Protanopia

25.8173, 0.3763, 0.4060

Deuteranopia

25.8820, 0.4084, 0.3999



Tritanopia

25.8512, 0.3840, 0.3165

Trichromacy



Original Color

25.8002, 0.4307, 0.3838

Protanomaly

25.5749, 0.3961, 0.3976

Deuteranomaly

25.6358, 0.4167, 0.3939

Tritanomaly

25.8199, 0.4023, 0.3420

Monochromacy



Original Color

25.8002, 0.4307, 0.3838

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3748, 0.3526, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8002, 0.4307, 0.3838 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(184, 126, 87)` looks like.

```
.text, #text, p{  
    color:rgb(184, 126, 87)  
}
```

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(184, 126, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 87) }
```

Border

The CSS property to change the border of an element to Yxy 25.8002, 0.4307, 0.3838 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(184, 126, 87) }
```

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

```
.border{ border-color:rgb(184, 126, 87) }
```

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

Here you see how a box with a 4 pixel rgb(184, 126, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 126, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 126, 87);  
box-shadow:4px 4px 4px 4px rgb(184, 126,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8002, 0.4307, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 87) }
```

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

```
.background{ background-color: rgb(184,  
126, 87) }
```

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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