

Converting Colors

$Y_{xy}(35.7487, 0.4000, 0.3845)$

Have a look what the booklet for
Yxy(35.7487, 0.4000, 0.3845)
contains.

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Color

Yxy(35.8005, 0.4006, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	C5996F
RGB	197, 153, 111
RGB Percent	77%, 60%, 44%
CMY	0.2276, 0.3999, 0.5648
CMYK	0.00, 0.22, 0.44, 0.23
HSL	29°, 43%, 60%
HSV	29°, 44%, 77%
XYZ	37.2802, 35.8005, 19.9802
YIQ	161.3680, 39.7060, -3.7340

Conversions

Conversions Part 2

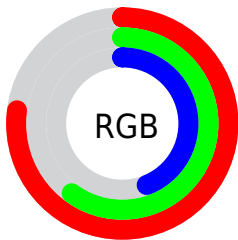
Format	Color
RYB	197, 193, 111
Decimal	12949871
CIELab	66.37, 10.97, 28.36
CIELCh	66, 30.409, 68.852
Yxy	35.8005, 0.4006, 0.3847
Android (android.graphics.Color)	4291139951 (0xFFC5996F)
YUV	161.3680, -24.8314, 31.2493
Hunter-Lab	59.8335, 6.5084, 22.0848

Details

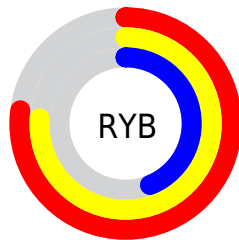
The Yxy color **35.8005, 0.4006, 0.3847** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.8313, 0.2434, 0.2648**, and the grayscale version is **35.9244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5300, 0.3837, 0.3747**, and **15.5243, 0.4267, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **32.2565, 0.4270, 0.3965**, and if you desaturate by 10%, it is **39.7218, 0.3763, 0.3718**.

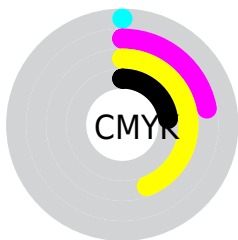
Distribution



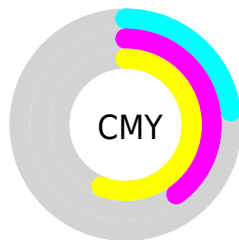
- Red (77%)
- Green (60%)
- Blue (44%)



- Red (77%)
- Yellow (76%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8005, 0.4006, 0.3847 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 35.8005, 0.4006, 0.3847 by changing the saturation by 10% instead.


 35.8005, 0.4006,
0.3847


 35.8005, 0.4006,
0.3847

328.0877, 0.3548,
0.3573

 24.2802, 0.4124,
0.3911


 68.7240, 0.3836,
0.3750

 15.5416, 0.4276,
0.3990


 90.8960, 0.3774,
0.3712

 9.2003, 0.4478,
0.4086


 117.3873, 0.3721,
0.3680

 4.8721, 0.4754,
0.4199

 148.5824, 0.3676,
0.3653

 2.1724, 0.5440,
0.4560

184.8655, 0.3637,
0.3629

 0.7049, 0.5719,
0.4281

226.6212, 0.3604,

 0.0000, 0.0000,

0.3608

0.0000

274.2338, 0.3574,
0.3589

■ 35.8005, 0.4006,
0.3847

■ 35.8005, 0.4006,
0.3847

■ 32.2565, 0.4270,
0.3965

■ 39.7218, 0.3763,
0.3718

■ 29.0714, 0.4547,
0.4062

■ 44.0275, 0.3545,
0.3586

■ 26.2327, 0.4826,
0.4124

■ 48.7311, 0.3352,
0.3457

■ 23.7249, 0.5088,
0.4140

■ 53.8438, 0.3183,
0.3333

■ 21.5301, 0.5317,
0.4102

■ 59.3761, 0.3036,
0.3218

■ 20.2841, 0.5446,
0.4058

■ 65.3382, 0.2908,
0.3110

■ 71.7399, 0.2797,
0.3012

■ 77.6860, 0.2771,
0.3059

■ 83.5690, 0.2779,
0.3168

Harmonies

Analogous

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



35.8005, 0.4034, 0.3497



35.8005, 0.4006, 0.3847



35.8005, 0.3733, 0.4087

Triad

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



35.8005, 0.4006, 0.3847



35.8005, 0.2489, 0.3414



35.8005, 0.2895, 0.2603

Complementary

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



35.8005, 0.4006, 0.3847



30.8313, 0.2434, 0.2648

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.



35.8005, 0.2519, 0.2548



35.8005, 0.4006, 0.3847



35.8005, 0.2298, 0.2975

Square

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



35.8005, 0.4006, 0.3847



35.8005, 0.2852, 0.3852



35.8005, 0.2310, 0.2670



35.8005, 0.3364, 0.2810

Rectangle

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



35.8005, 0.4006, 0.3847



35.8005, 0.3459, 0.4130



35.8005, 0.2310, 0.2670



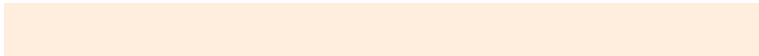
35.8005, 0.2754, 0.2566

Sweetspot

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



35.8022, 0.4006, 0.3847



87.7067, 0.3344, 0.3451



25.6129, 0.3664, 0.2708



18.3535, 0.3385, 0.3479



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



35.8022, 0.4006, 0.3847



58.3084, 0.4247, 0.3956



52.2854, 0.3777, 0.4338



11.4786, 0.3278, 0.3403



13.5123, 0.5426, 0.4074



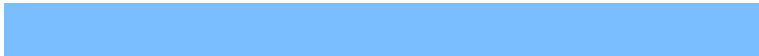
0.7847, 0.5103, 0.4330

Inverse Universe

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



30.8313, 0.2434, 0.2648



48.2926, 0.2293, 0.2483



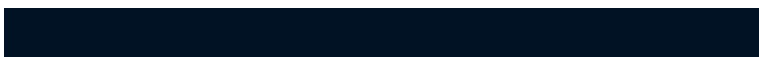
19.0899, 0.2320, 0.1971



11.1689, 0.2983, 0.3174



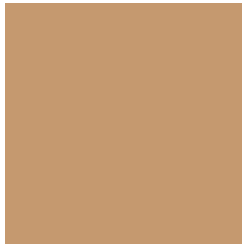
8.9031, 0.1786, 0.1630



0.5663, 0.1890, 0.2003

Previews

White Background



This preview shows how the Yxy color 35.8005, 0.4006, 0.3847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.8005, 0.4006, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

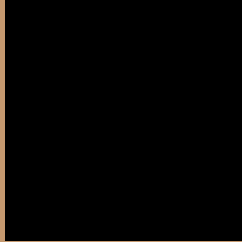
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8005, 0.4006, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 35.8005, 0.4006, 0.3847.



This preview shows how white text looks on a background with the Yxy color 35.8005, 0.4006, 0.3847.

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

35.8005, 0.4006, 0.3847

Protanopia

35.7262, 0.3684, 0.3953

Deuteranopia

35.9278, 0.3953, 0.3882



Tritanopia

35.7536, 0.3584, 0.3149

Trichromacy



Original Color

35.8005, 0.4006, 0.3847

Protanomaly

35.6137, 0.3791, 0.3908

Deuteranomaly

35.7282, 0.3969, 0.3867

Tritanomaly

35.6973, 0.3747, 0.3397

Monochromacy



Original Color

35.8005, 0.4006, 0.3847

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4356, 0.3427, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8005, 0.4006, 0.3847 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(197, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(197, 153, 111)  
}
```

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(197, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 153, 111) }
```

Border

The CSS property to change the border of an element to Yxy 35.8005, 0.4006, 0.3847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

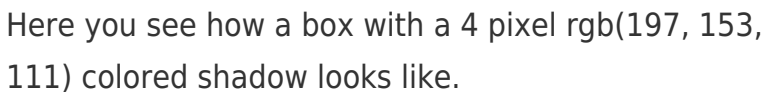
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 153, 111) }
```

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

```
.border{ border-color:rgb(197, 153, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 153, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 153, 111); box-shadow:4px 4px 4px 4px rgb(197, 153, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8005, 0.4006, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 153, 111) }
```

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

```
.background{ background-color: rgb(197,  
153, 111) }
```

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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