

Converting Colors

$Y_{xy}(40.0673, 0.3852, 0.4003)$

Have a look what the booklet for
Yxy(40.0673, 0.3852, 0.4003)
contains.

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Color

Yxy(40.0362, 0.3858, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	C0A771
RGB	192, 167, 113
RGB Percent	75%, 65%, 44%
CMY	0.2470, 0.3451, 0.5569
CMYK	0.00, 0.13, 0.41, 0.25
HSL	41°, 39%, 60%
HSV	41°, 41%, 75%
XYZ	38.5378, 40.0362, 21.3167
YIQ	168.3190, 32.2340, -11.4940

Conversions

Conversions Part 2

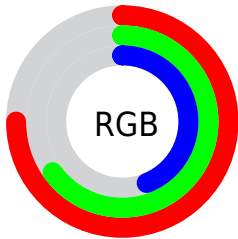
Format	Color
RYB	150, 192, 113
Decimal	12625777
CIELab	69.50, 1.56, 31.27
CIElCh	69, 31.313, 87.148
Yxy	40.0362, 0.3858, 0.4008
Android (android.graphics.Color)	4290815857 (0xFFC0A771)
YUV	168.3190, -27.2723, 20.7682
Hunter-Lab	63.2742, -2.0124, 24.3175

Details

The Yxy color **40.0362, 0.3858, 0.4008** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.4906, 0.2435, 0.2443**, and the grayscale version is **39.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2832, 0.3730, 0.3882**, and **17.9500, 0.4066, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **37.4764, 0.4062, 0.4173**, and if you desaturate by 10%, it is **42.7957, 0.3660, 0.3832**.

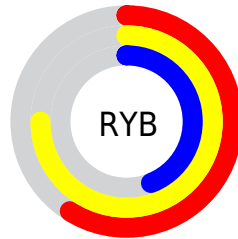
Distribution



Red (75%)

Green (65%)

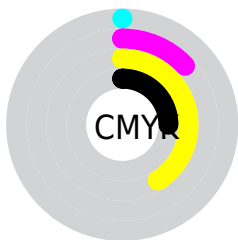
Blue (44%)



Red (59%)

Yellow (75%)

Blue (44%)

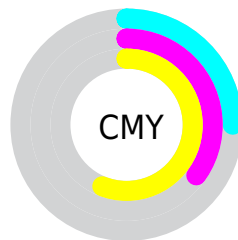


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0362, 0.3858, 0.4008 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 40.0362, 0.3858, 0.4008 by changing the saturation by 10% instead.


 40.0362, 0.3858,
0.4008

 40.0362, 0.3858,
0.4008


346.2761, 0.3489,
0.3648


 27.5668, 0.3949,
0.4096


 75.2186, 0.3724,
0.3878

 17.9993, 0.4064,
0.4205


 98.7004, 0.3674,
0.3829

 10.9495, 0.4211,
0.4345


 126.6218, 0.3631,
0.3787

 6.0329, 0.4404,
0.4525

 159.3671, 0.3594,
0.3752

 2.8651, 0.4810,
0.4910

197.3209, 0.3563,
0.3720

 1.0617, 0.4979,
0.5021

240.8673, 0.3535,

 0.0000, 0.0000,

0.3693

0.0000

290.3909, 0.3510,
0.3669

■ 40.0362, 0.3858,
0.4008

■ 40.0362, 0.3858,
0.4008

■ 37.4764, 0.4062,
0.4173

■ 42.7957, 0.3660,
0.3832

■ 35.1036, 0.4266,
0.4316

■ 45.7562, 0.3474,
0.3653

■ 32.9117, 0.4460,
0.4428

■ 48.9257, 0.3301,
0.3477

■ 30.8918, 0.4634,
0.4497

■ 52.3101, 0.3144,
0.3309

■ 29.0336, 0.4781,
0.4517

■ 55.9150, 0.3003,
0.3150

■ 27.5078, 0.4889,
0.4500

■ 59.7459, 0.2876,
0.3002

■ 63.8078, 0.2762,
0.2865

■ 67.3360, 0.2725,
0.2856

■ 70.4991, 0.2731,
0.2924

Harmonies

Analogous

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



40.0362, 0.4042, 0.3715



40.0362, 0.3858, 0.4008



40.0362, 0.3481, 0.4124

Triad

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



40.0362, 0.3858, 0.4008



40.0362, 0.2355, 0.3137



40.0362, 0.3177, 0.2718

Complementary

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



40.0362, 0.3858, 0.4008



25.4906, 0.2435, 0.2443

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.



40.0362, 0.2735, 0.2567



40.0362, 0.3858, 0.4008



40.0362, 0.2287, 0.2772

Square

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



40.0362, 0.3858, 0.4008



40.0362, 0.2617, 0.3593



40.0362, 0.2420, 0.2579



40.0362, 0.3636, 0.2996

Rectangle

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



40.0362, 0.3858, 0.4008



40.0362, 0.3179, 0.4056



40.0362, 0.2420, 0.2579



40.0362, 0.3021, 0.2651

Sweetspot

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



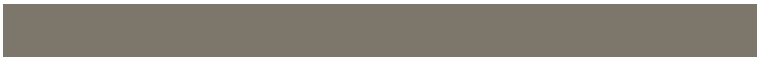
40.0381, 0.3858, 0.4008



88.0311, 0.3319, 0.3495



24.8508, 0.3827, 0.2950



18.7201, 0.3341, 0.3518



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.0381, 0.3858, 0.4008



68.5160, 0.4034, 0.4151



48.3009, 0.3604, 0.4343



11.2034, 0.3272, 0.3447



18.6539, 0.4878, 0.4509



0.9252, 0.4690, 0.4658

Inverse Universe

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



25.4906, 0.2435, 0.2443



38.7848, 0.2280, 0.2226



20.1633, 0.2502, 0.2081



10.2565, 0.2984, 0.3128



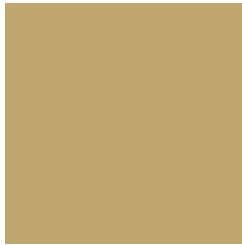
4.9137, 0.1626, 0.1054



0.3384, 0.1756, 0.1522

Previews

White Background



This preview shows how the Yxy color 40.0362, 0.3858, 0.4008 looks on a white background.

Color Contrast Check

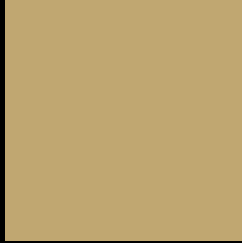
Large Text (above 18pt) WCAG AA × Fail

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 40.0362, 0.3858, 0.4008 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 40.0362, 0.3858, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 40.0362, 0.3858, 0.4008.



This preview shows how white text looks on a background with the Yxy color 40.0362, 0.3858, 0.4008.

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

40.0362, 0.3858, 0.4008

Protanopia

40.1547, 0.3754, 0.4054

Deuteranopia

39.7521, 0.3987, 0.3905



Tritanopia

40.1259, 0.3385, 0.3137

Trichromacy



Original Color

40.0362, 0.3858, 0.4008

Protanomaly

40.1556, 0.3789, 0.4033

Deuteranomaly

39.9079, 0.3936, 0.3940

Tritanomaly

40.1645, 0.3559, 0.3449

Monochromacy



Original Color

40.0362, 0.3858, 0.4008

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4905, 0.3388, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0362, 0.3858, 0.4008 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(192, 167, 113)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 113)  
}
```

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(192, 167, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 113) }
```

Border

The CSS property to change the border of an element to Yxy 40.0362, 0.3858, 0.4008 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(192, 167, 113) }
```

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

```
.border{ border-color:rgb(192, 167, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 167, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 113);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0362, 0.3858, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 113) }
```

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

```
.background{ background-color: rgb(192,  
167, 113) }
```

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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