

Converting Colors

$Yxy(38.2488, 0.4224, 0.4022)$

Have a look what the booklet for
Yxy(38.2488, 0.4224, 0.4022)
contains.

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Color

Yxy(38.3869, 0.4225, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	D09D61
RGB	208, 157, 97
RGB Percent	82%, 62%, 38%
CMY	0.1844, 0.3843, 0.6197
CMYK	0.00, 0.25, 0.53, 0.18
HSL	32°, 54%, 60%
HSV	32°, 53%, 82%
XYZ	40.2244, 38.3869, 16.5943
YIQ	165.4090, 49.6560, -7.8480

Conversions

Conversions Part 2

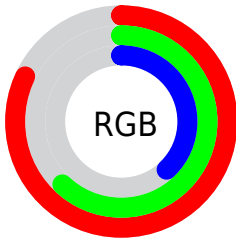
Format	Color
RYB	191, 208, 97
Decimal	13671777
CIELab	68.30, 12.01, 38.52
CIELCh	68, 40.351, 72.683
Yxy	38.3869, 0.4225, 0.4032
Android (android.graphics.Color)	4291861857 (0xFFD09D61)
YUV	165.4090, -33.7256, 37.3523
Hunter-Lab	61.9572, 7.4623, 27.4900

Details

The Yxy color **38.3869, 0.4225, 0.4032** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.2624, 0.2263, 0.2378**, and the grayscale version is **37.9811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5169, 0.3921, 0.3938**, and **17.1008, 0.4536, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **34.9432, 0.4482, 0.4141**, and if you desaturate by 10%, it is **42.1887, 0.3977, 0.3901**.

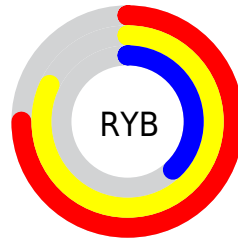
Distribution



Red (82%)

Green (62%)

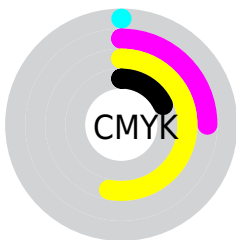
Blue (38%)



Red (75%)

Yellow (82%)

Blue (38%)

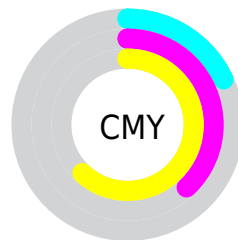


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3869, 0.4225, 0.4032 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 38.3869, 0.4225, 0.4032 by changing the saturation by 10% instead.


 38.3869, 0.4225,
0.4032


 38.3869, 0.4225,
0.4032


339.2768, 0.3667,
0.3679


 26.2831, 0.4361,
0.4109


 72.7008, 0.4023,
0.3911


 17.0356, 0.4532,
0.4198


 95.6796, 0.3947,
0.3863

 10.2598, 0.4747,
0.4298


 123.0523, 0.3882,
0.3822

 5.5716, 0.5027,
0.4405

 155.2032, 0.3827,
0.3785

 2.5864, 0.5457,
0.4543

192.5167, 0.3779,
0.3754

 0.9198, 0.5683,
0.4317

235.3772, 0.3737,

 0.0000, 1.0000,

0.3726

0.0000

284.1691, 0.3700,
0.3701

■ 0.0000, 0.0000,
0.0000

■ 38.3869, 0.4225,
0.4032

■ 38.3869, 0.4225,
0.4032

■ 34.9432, 0.4482,
0.4141

■ 42.1887, 0.3977,
0.3901

■ 31.8382, 0.4737,
0.4215

■ 46.3559, 0.3745,
0.3759

■ 29.0585, 0.4974,
0.4242

■ 50.9023, 0.3534,
0.3613

■ 26.5864, 0.5179,
0.4216

■ 55.8392, 0.3346,
0.3471

■ 25.1009, 0.5298,
0.4175

■ 61.1773, 0.3179,
0.3334

■ 66.9268, 0.3032,
0.3206

■ 73.0976, 0.2903,
0.3087

■ 79.1477, 0.2836,
0.3062

■ 84.7164, 0.2842,
0.3164

Harmonies

Analogous

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



38.3869, 0.4318, 0.3590



38.3869, 0.4225, 0.4032



38.3869, 0.3830, 0.4339

Triad

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



38.3869, 0.4225, 0.4032



38.3869, 0.2266, 0.3362



38.3869, 0.2895, 0.2450

Complementary

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



38.3869, 0.4225, 0.4032



28.2624, 0.2263, 0.2378

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.



38.3869, 0.2400, 0.2349



38.3869, 0.4225, 0.4032



38.3869, 0.2066, 0.2807

Square

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



38.3869, 0.4225, 0.4032



38.3869, 0.2695, 0.3969



38.3869, 0.2115, 0.2461



38.3869, 0.3506, 0.2727

Rectangle

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



38.3869, 0.4225, 0.4032



38.3869, 0.3464, 0.4387



38.3869, 0.2115, 0.2461



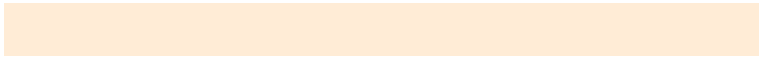
38.3869, 0.2710, 0.2395

Sweetspot

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



38.3888, 0.4225, 0.4032



86.2675, 0.3397, 0.3510



24.1180, 0.3925, 0.2652



18.1127, 0.3436, 0.3540



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.



38.3888, 0.4225, 0.4032



54.6922, 0.4518, 0.4153



58.8479, 0.3865, 0.4577



12.8521, 0.3277, 0.3416



15.8414, 0.5279, 0.4191



1.0435, 0.5027, 0.4391

Inverse Universe

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



28.2624, 0.2263, 0.2378



37.0307, 0.2092, 0.2139



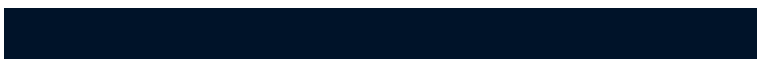
15.8486, 0.2132, 0.1610



12.2995, 0.2982, 0.3161



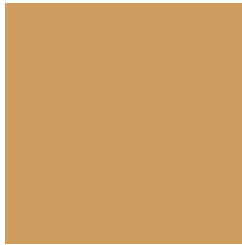
8.1870, 0.1738, 0.1456



0.6156, 0.1835, 0.1807

Previews

White Background



This preview shows how the Yxy color 38.3869, 0.4225, 0.4032 looks on a white background.

Color Contrast Check

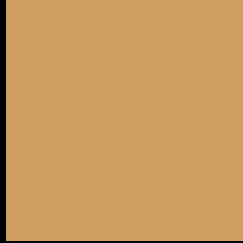
Large Text (above 18pt) WCAG AA × Fail

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 38.3869, 0.4225, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

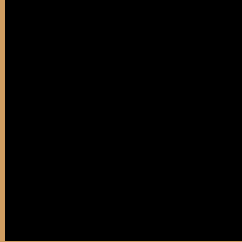
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3869, 0.4225, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 38.3869, 0.4225, 0.4032.



This preview shows how white text looks on a background with the Yxy color 38.3869, 0.4225, 0.4032.

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

38.3869, 0.4225, 0.4032

Protanopia

38.5221, 0.3860, 0.4194

Deuteranopia

38.3559, 0.4160, 0.4072



Tritanopia

38.2142, 0.3670, 0.3143

Trichromacy



Original Color

38.3869, 0.4225, 0.4032

Protanomaly

38.1909, 0.3985, 0.4126

Deuteranomaly

38.2959, 0.4188, 0.4054

Tritanomaly

38.1403, 0.3881, 0.3468

Monochromacy



Original Color

38.3869, 0.4225, 0.4032

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5579, 0.3517, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3869, 0.4225, 0.4032 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(208, 157, 97)` looks like.

```
.text, #text, p{  
    color:rgb(208, 157, 97)  
}
```

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(208, 157, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 157, 97) }
```

Border

The CSS property to change the border of an element to Yxy 38.3869, 0.4225, 0.4032 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(208, 157, 97) }
```

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

```
.border{ border-color:rgb(208, 157, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 157, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 157, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 157, 97);  
box-shadow:4px 4px 4px 4px rgb(208, 157,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3869, 0.4225, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 157, 97) }
```

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

```
.background{ background-color: rgb(208,  
157, 97) }
```

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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