

Converting Colors

$Yxy(38.6529, 0.3933, 0.3937)$

Have a look what the booklet for
Yxy(38.6529, 0.3933, 0.3937)
contains.

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Color

Yxy(38.7687, 0.3925, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	C4A271
RGB	196, 162, 113
RGB Percent	77%, 64%, 44%
CMY	0.2315, 0.3646, 0.5569
CMYK	0.00, 0.17, 0.42, 0.23
HSL	35°, 41%, 61%
HSV	35°, 42%, 77%
XYZ	38.6604, 38.7687, 21.0687
YIQ	166.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

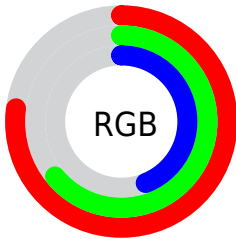
Format	Color
RYB	171, 196, 113
Decimal	12886641
CIELab	68.58, 5.88, 30.15
CIElCh	69, 30.722, 78.965
Yxy	38.7687, 0.3925, 0.3936
Android (android.graphics.Color)	4291076721 (0xFFC4A271)
YUV	166.5800, -26.4149, 25.8013
Hunter-Lab	62.2645, 1.8686, 23.5230

Details

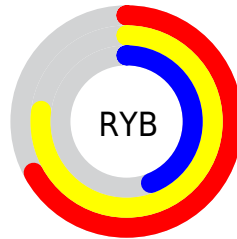
The Yxy color **38.7687, 0.3925, 0.3936** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3493, 0.2433, 0.2536**, and the grayscale version is **38.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4132, 0.3778, 0.3827**, and **17.4018, 0.4162, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **35.6393, 0.4156, 0.4080**, and if you desaturate by 10%, it is **42.1773, 0.3707, 0.3782**.

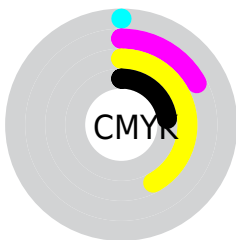
Distribution



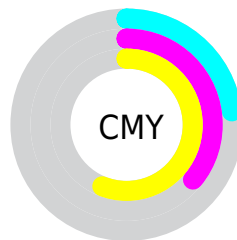
- Red (77%)
- Green (64%)
- Blue (44%)



- Red (67%)
- Yellow (77%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7687, 0.3925, 0.3936 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 38.7687, 0.3925, 0.3936 by changing the saturation by 10% instead.


 38.7687, 0.3925,
0.3936


 38.7687, 0.3925,
0.3936


340.9061, 0.3517,
0.3615


 26.5798, 0.4027,
0.4013


 73.2848, 0.3776,
0.3821


 17.2579, 0.4157,
0.4108


 96.3809, 0.3720,
0.3777

 10.4186, 0.4327,
0.4228


 123.8815, 0.3673,
0.3740

 5.6773, 0.4554,
0.4377

 156.1710, 0.3633,
0.3708

 2.6499, 0.5042,
0.4723

193.6338, 0.3598,
0.3680

 0.9518, 0.5278,
0.4722

236.6543, 0.3568,

 0.0000, 0.0000,

0.3656

0.0000

285.6170, 0.3541,
0.3634

■ 38.7687, 0.3925,
0.3936

■ 38.7687, 0.3925,
0.3936

■ 35.6393, 0.4156,
0.4080

■ 42.1773, 0.3707,
0.3782

■ 32.7741, 0.4393,
0.4202

■ 45.8685, 0.3506,
0.3625

■ 30.1645, 0.4625,
0.4291

■ 49.8525, 0.3325,
0.3471

■ 27.7991, 0.4839,
0.4336

■ 54.1372, 0.3162,
0.3323

■ 25.6648, 0.5025,
0.4328

■ 58.7302, 0.3018,
0.3185

■ 24.1696, 0.5148,
0.4294

■ 63.6387, 0.2891,
0.3056

■ 68.8696, 0.2779,
0.2937

■ 73.4408, 0.2759,
0.2977

■ 77.9097, 0.2766,
0.3066

Harmonies

Analogous

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



38.7687, 0.4040, 0.3617



38.7687, 0.3925, 0.3936



38.7687, 0.3593, 0.4109

Triad

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



38.7687, 0.3925, 0.3936



38.7687, 0.2414, 0.3258



38.7687, 0.3050, 0.2667

Complementary

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



38.7687, 0.3925, 0.3936



28.3493, 0.2433, 0.2536

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.



38.7687, 0.2637, 0.2558



38.7687, 0.3925, 0.3936



38.7687, 0.2292, 0.2860

Square

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



38.7687, 0.3925, 0.3936



38.7687, 0.2721, 0.3709



38.7687, 0.2370, 0.2619



38.7687, 0.3515, 0.2914

Rectangle

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



38.7687, 0.3925, 0.3936



38.7687, 0.3303, 0.4092



38.7687, 0.2370, 0.2619



38.7687, 0.2900, 0.2614

Sweetspot

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



38.7705, 0.3925, 0.3936



89.6934, 0.3340, 0.3484



25.6674, 0.3748, 0.2832



18.8439, 0.3379, 0.3518



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.



38.7705, 0.3925, 0.3936



64.8759, 0.4143, 0.4072



51.4850, 0.3690, 0.4346



11.0446, 0.3275, 0.3426



15.7079, 0.5131, 0.4308



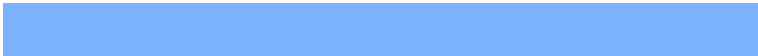
0.8115, 0.4869, 0.4516

Inverse Universe

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



28.3493, 0.2433, 0.2536



43.4858, 0.2274, 0.2329



19.7822, 0.2404, 0.2015



10.4098, 0.2984, 0.3150



6.4277, 0.1697, 0.1309



0.4132, 0.1822, 0.1760

Previews

White Background



This preview shows how the Yxy color 38.7687, 0.3925, 0.3936 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 38.7687, 0.3925, 0.3936 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 38.7687, 0.3925, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 38.7687, 0.3925, 0.3936.



This preview shows how white text looks on a background with the Yxy color 38.7687, 0.3925, 0.3936.

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

38.7687, 0.3925, 0.3936

Protanopia

38.6990, 0.3729, 0.4012

Deuteranopia

38.6132, 0.3977, 0.3901



Tritanopia

38.6502, 0.3473, 0.3137

Trichromacy



Original Color

38.7687, 0.3925, 0.3936

Protanomaly

38.5643, 0.3798, 0.3987

Deuteranomaly

38.8241, 0.3962, 0.3916

Tritanomaly

38.7024, 0.3643, 0.3435

Monochromacy



Original Color

38.7687, 0.3925, 0.3936

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4818, 0.3413, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7687, 0.3925, 0.3936 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(196, 162, 113)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 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(196, 162, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 113) }
```

Border

The CSS property to change the border of an element to Yxy 38.7687, 0.3925, 0.3936 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(196, 162, 113) }
```

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

```
.border{ border-color:rgb(196, 162, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 113);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7687, 0.3925, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 113) }
```

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

```
.background{ background-color: rgb(196,  
162, 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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