

Converting Colors

$Yxy(39.1040, 0.3977, 0.3988)$

Have a look what the booklet for
Yxy(39.1040, 0.3977, 0.3988)
contains.

Yxy(39.3043, 0.3977, 0.3993)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3043, 0.3977, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	C6A36D
RGB	198, 163, 109
RGB Percent	78%, 64%, 43%
CMY	0.2235, 0.3608, 0.5727
CMYK	0.00, 0.18, 0.45, 0.22
HSL	36°, 44%, 60%
HSV	36°, 45%, 78%
XYZ	39.1468, 39.3043, 19.9819
YIQ	167.3090, 38.1940, -9.3740

Conversions

Conversions Part 2

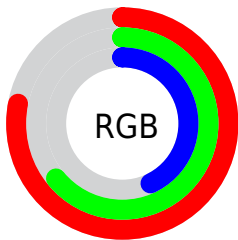
Format	Color
RYB	167, 198, 109
Decimal	13017965
CIELab	68.97, 5.76, 32.85
CIElCh	69, 33.347, 80.060
Yxy	39.3043, 0.3977, 0.3993
Android (android.graphics.Color)	4291208045 (0xFFC6A36D)
YUV	167.3090, -28.7463, 26.9160
Hunter-Lab	62.6931, 1.7458, 24.9880

Details

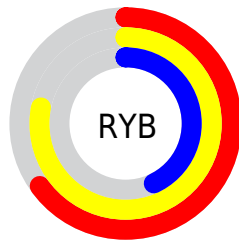
The Yxy color **39.3043, 0.3977, 0.3993** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.2660, 0.2384, 0.2456**, and the grayscale version is **38.9313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9760, 0.3811, 0.3875**, and **17.4459, 0.4222, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **36.2467, 0.4205, 0.4135**, and if you desaturate by 10%, it is **42.6318, 0.3759, 0.3837**.

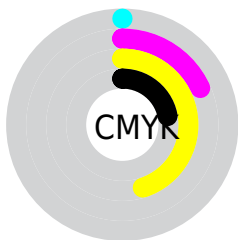
Distribution



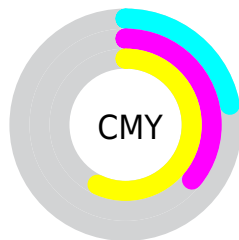
- Red (78%)
- Green (64%)
- Blue (43%)



- Red (65%)
- Yellow (78%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3043, 0.3977, 0.3993 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 39.3043, 0.3977, 0.3993 by changing the saturation by 10% instead.


 39.3043, 0.3977,
0.3993


 39.3043, 0.3977,
0.3993


343.1825, 0.3545,
0.3646

 26.9965, 0.4084,
0.4075


 74.1030, 0.3820,
0.3870

 17.5706, 0.4219,
0.4176


 97.3626, 0.3761,
0.3822

 10.6422, 0.4393,
0.4301


 125.0417, 0.3711,
0.3782

 5.8268, 0.4620,
0.4452

 157.5247, 0.3668,
0.3747

 2.7400, 0.5154,
0.4846

195.1958, 0.3631,
0.3717

 0.9976, 0.5264,
0.4736

238.4396, 0.3599,

 0.0000, 1.0000,

0.3690

0.0000

287.6403, 0.3570,
0.3667

0.0000, 0.0000,
0.0000

39.3043, 0.3977,
0.3993

39.3043, 0.3977,
0.3993

36.2467, 0.4205,
0.4135

42.6318, 0.3759,
0.3837

33.4440, 0.4436,
0.4253

46.2326, 0.3555,
0.3676

30.8874, 0.4657,
0.4335

50.1169, 0.3370,
0.3517

28.5654, 0.4858,
0.4370

54.2925, 0.3203,
0.3363

26.4642, 0.5026,
0.4352

58.7669, 0.3055,
0.3218

■ 25.4791, 0.5103,
0.4330

■ 63.5472, 0.2923,
0.3083

■ 68.6404, 0.2806,
0.2958

■ 73.2300, 0.2770,
0.2968

■ 77.5426, 0.2777,
0.3054

Harmonies

Analogous

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



39.3043, 0.4114, 0.3650



39.3043, 0.3977, 0.3993



39.3043, 0.3611, 0.4178

Triad

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



39.3043, 0.3977, 0.3993



39.3043, 0.2351, 0.3235



39.3043, 0.3060, 0.2629

Complementary

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



39.3043, 0.3977, 0.3993



27.2660, 0.2384, 0.2456

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.



39.3043, 0.2613, 0.2507



39.3043, 0.3977, 0.3993



39.3043, 0.2230, 0.2811

Square

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



39.3043, 0.3977, 0.3993



39.3043, 0.2673, 0.3728



39.3043, 0.2322, 0.2561



39.3043, 0.3563, 0.2897

Rectangle

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



39.3043, 0.3977, 0.3993



39.3043, 0.3296, 0.4156



39.3043, 0.2322, 0.2561



39.3043, 0.2898, 0.2570

Sweetspot

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



39.3062, 0.3977, 0.3993



90.0105, 0.3339, 0.3489



24.9693, 0.3825, 0.2823



18.9223, 0.3378, 0.3524



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.



39.3062, 0.3977, 0.3993



64.2609, 0.4202, 0.4133



52.3286, 0.3709, 0.4414



11.6899, 0.3275, 0.3430



16.7385, 0.5088, 0.4342



0.9308, 0.4854, 0.4528

Inverse Universe

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



27.2660, 0.2384, 0.2456



40.3139, 0.2218, 0.2231



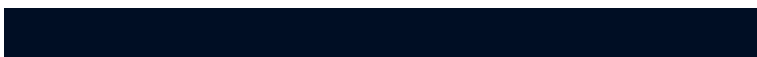
18.8509, 0.2363, 0.1927



10.9601, 0.2983, 0.3146



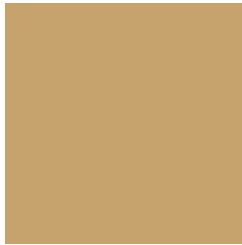
6.3366, 0.1683, 0.1259



0.4406, 0.1801, 0.1683

Previews

White Background



This preview shows how the Yxy color 39.3043, 0.3977, 0.3993 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 39.3043, 0.3977, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

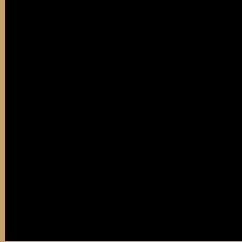
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3043, 0.3977, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 39.3043, 0.3977, 0.3993.



This preview shows how white text looks on a background with the Yxy color 39.3043, 0.3977, 0.3993.

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

39.3043, 0.3977, 0.3993

Protanopia

39.2202, 0.3779, 0.4072

Deuteranopia

39.2904, 0.4039, 0.3954



Tritanopia

39.4415, 0.3491, 0.3139

Trichromacy



Original Color

39.3043, 0.3977, 0.3993

Protanomaly

39.0896, 0.3849, 0.4046

Deuteranomaly

39.3623, 0.4013, 0.3972

Tritanomaly

39.4594, 0.3670, 0.3447

Monochromacy



Original Color

39.3043, 0.3977, 0.3993

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8127, 0.3420, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3043, 0.3977, 0.3993 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(198, 163, 109)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 109)  
}
```

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(198, 163, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 109) }
```

Border

The CSS property to change the border of an element to Yxy 39.3043, 0.3977, 0.3993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

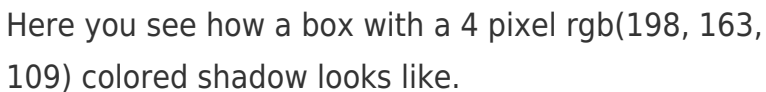
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 163, 109) }
```

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

```
.border{ border-color:rgb(198, 163, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 163, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3043, 0.3977, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 109) }
```

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

```
.background{ background-color: rgb(198,  
163, 109) }
```

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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