

Converting Colors

$Yxy(38.6634, 0.4022, 0.3990)$

Have a look what the booklet for
Yxy(38.6634, 0.4022, 0.3990)
contains.

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Color

Yxy(38.6934, 0.4017, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	C7A16B
RGB	199, 161, 107
RGB Percent	78%, 63%, 42%
CMY	0.2195, 0.3686, 0.5804
CMYK	0.00, 0.19, 0.46, 0.22
HSL	35°, 45%, 60%
HSV	35°, 46%, 78%
XYZ	38.9552, 38.6934, 19.3273
YIQ	166.2060, 39.9820, -8.7380

Conversions

Conversions Part 2

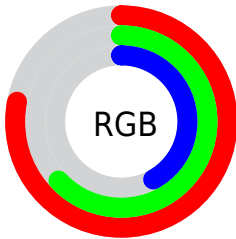
Format	Color
RYB	172, 199, 107
Decimal	13082987
CIELab	68.53, 7.06, 33.34
CIElCh	69, 34.077, 78.050
Yxy	38.6934, 0.4017, 0.3990
Android (android.graphics.Color)	4291273067 (0xFFC7A16B)
YUV	166.2060, -29.1886, 28.7603
Hunter-Lab	62.2040, 2.9285, 25.1209

Details

The Yxy color **38.6934, 0.4017, 0.3990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5091, 0.2367, 0.2457**, and the grayscale version is **38.3693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8749, 0.3833, 0.3876**, and **17.2970, 0.4270, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **35.5432, 0.4253, 0.4126**, and if you desaturate by 10%, it is **42.1328, 0.3792, 0.3840**.

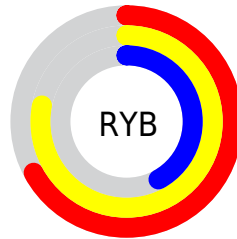
Distribution



Red (78%)

Green (63%)

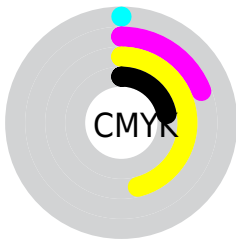
Blue (42%)



Red (67%)

Yellow (78%)

Blue (42%)

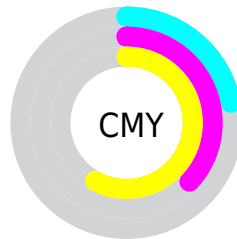


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6934, 0.4017, 0.3990 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 38.6934, 0.4017, 0.3990 by changing the saturation by 10% instead.


 38.6934, 0.4017,
0.3990


 38.6934, 0.4017,
0.3990


340.5852, 0.3563,
0.3646


 26.5213, 0.4129,
0.4071


 73.1697, 0.3852,
0.3868


 17.2140, 0.4272,
0.4169


 96.2427, 0.3790,
0.3821

 10.3872, 0.4455,
0.4289


 123.7181, 0.3737,
0.3781

 5.6564, 0.4694,
0.4432

 155.9803, 0.3693,
0.3746

 2.6373, 0.5220,
0.4780

193.4137, 0.3654,
0.3716

 0.9455, 0.5357,
0.4643

236.4028, 0.3620,

 0.0000, 1.0000,

0.3690

0.0000

285.3318, 0.3590,
0.3666

0.0000, 0.0000,
0.0000

38.6934, 0.4017,
0.3990

38.6934, 0.4017,
0.3990

35.5432, 0.4253,
0.4126

42.1328, 0.3792,
0.3840

32.6662, 0.4491,
0.4236

45.8653, 0.3584,
0.3684

30.0531, 0.4720,
0.4308

49.9018, 0.3394,
0.3529

27.6912, 0.4926,
0.4331

54.2509, 0.3224,
0.3379

25.5654, 0.5099,
0.4303

58.9205, 0.3072,
0.3238

■ 24.8164, 0.5161,
0.4284

■ 63.9183, 0.2938,
0.3106

■ 69.2519, 0.2821,
0.2984

■ 74.1844, 0.2777,
0.2985

■ 78.7850, 0.2784,
0.3076

Harmonies

Analogous

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



38.6934, 0.4140, 0.3631



38.6934, 0.4017, 0.3990



38.6934, 0.3653, 0.4198

Triad

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



38.6934, 0.4017, 0.3990



38.6934, 0.2348, 0.3266



38.6934, 0.3024, 0.2600

Complementary

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



38.6934, 0.4017, 0.3990



27.5091, 0.2367, 0.2457

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.



38.6934, 0.2573, 0.2485



38.6934, 0.4017, 0.3990



38.6934, 0.2209, 0.2821

Square

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



38.6934, 0.4017, 0.3990



38.6934, 0.2689, 0.3772



38.6934, 0.2289, 0.2553



38.6934, 0.3541, 0.2865

Rectangle

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



38.6934, 0.4017, 0.3990



38.6934, 0.3333, 0.4190



38.6934, 0.2289, 0.2553



38.6934, 0.2860, 0.2543

Sweetspot

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



38.6952, 0.4017, 0.3990



88.8572, 0.3358, 0.3498



24.7164, 0.3833, 0.2790



18.6729, 0.3397, 0.3531



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.



38.6952, 0.4017, 0.3990



62.4471, 0.4243, 0.4120



53.0371, 0.3737, 0.4439



11.6538, 0.3275, 0.3425



16.1309, 0.5144, 0.4298



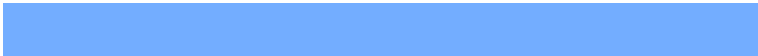
0.9042, 0.4895, 0.4496

Inverse Universe

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



27.5091, 0.2367, 0.2457



40.6202, 0.2209, 0.2245



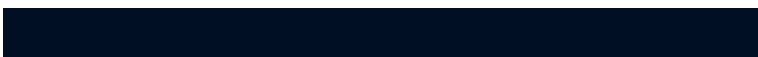
18.2644, 0.2324, 0.1878



10.9954, 0.2983, 0.3151



6.7175, 0.1700, 0.1318



0.4602, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 38.6934, 0.4017, 0.3990 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 38.6934, 0.4017, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

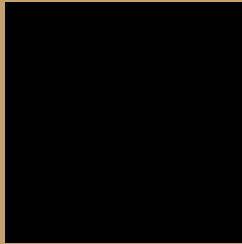
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6934, 0.4017, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 38.6934, 0.4017, 0.3990.



This preview shows how white text looks on a background with the Yxy color 38.6934, 0.4017, 0.3990.

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

38.6934, 0.4017, 0.3990

Protanopia

38.6866, 0.3792, 0.4089

Deuteranopia

38.7597, 0.4054, 0.3969



Tritanopia

38.8435, 0.3525, 0.3139

Trichromacy



Original Color

38.6934, 0.4017, 0.3990

Protanomaly

38.6843, 0.3872, 0.4059

Deuteranomaly

38.6207, 0.4043, 0.3972

Tritanomaly

38.8548, 0.3707, 0.3447

Monochromacy



Original Color

38.6934, 0.4017, 0.3990

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0602, 0.3434, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6934, 0.4017, 0.3990 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(199, 161, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 107)  
}
```

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(199, 161, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 107) }
```

Border

The CSS property to change the border of an element to Yxy 38.6934, 0.4017, 0.3990 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(199, 161, 107) }
```

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

```
.border{ border-color:rgb(199, 161, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6934, 0.4017, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 107) }
```

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

```
.background{ background-color: rgb(199,  
161, 107) }
```

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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