

Converting Colors

$Yxy(36.6321, 0.3939, 0.3699)$

Have a look what the booklet for
Yxy(36.6321, 0.3939, 0.3699)
contains.

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Color

Yxy(36.6051, 0.3938, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	C9997A
RGB	201, 153, 122
RGB Percent	79%, 60%, 48%
CMY	0.2117, 0.4000, 0.5216
CMYK	0.00, 0.24, 0.39, 0.21
HSL	24°, 42%, 63%
HSV	24°, 39%, 79%
XYZ	38.9913, 36.6051, 23.4166
YIQ	163.8180, 38.5590, 0.5350

Conversions

Conversions Part 2

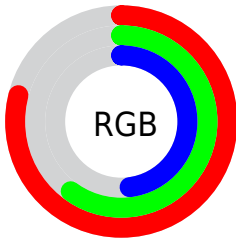
Format	Color
RYB	201, 173, 122
Decimal	13212026
CIELab	66.98, 13.85, 23.24
CIElCh	67, 27.055, 59.215
Yxy	36.6051, 0.3938, 0.3697
Android (android.graphics.Color)	4291402106 (0xFFC9997A)
YUV	163.8180, -20.6163, 32.6086
Hunter-Lab	60.5021, 9.1576, 19.4041

Details

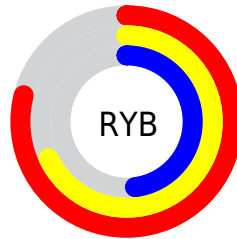
The Yxy color **36.6051, 0.3938, 0.3697** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0959, 0.2520, 0.2838**, and the grayscale version is **37.1198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9808, 0.3745, 0.3623**, and **16.0035, 0.4188, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **32.3646, 0.4221, 0.3797**, and if you desaturate by 10%, it is **41.3611, 0.3687, 0.3590**.

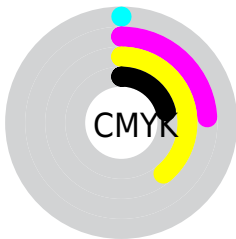
Distribution



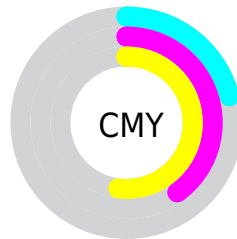
- Red (79%)
- Green (60%)
- Blue (48%)



- Red (79%)
- Yellow (68%)
- Blue (48%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6051, 0.3938, 0.3697 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 36.6051, 0.3938, 0.3697 by changing the saturation by 10% instead.

 36.6051, 0.3938,
0.3697


 36.6051, 0.3938,
0.3697


331.5976, 0.3514,
0.3499


 24.9019, 0.4048,
0.3743


 69.9650, 0.3780,
0.3627

 16.0040, 0.4192,
0.3799


 92.3905, 0.3722,
0.3600

 9.5270, 0.4387,
0.3868

 119.1589, 0.3673,
0.3577

 5.0865, 0.4660,
0.3950

150.6545, 0.3632,
0.3557

 2.2981, 0.5149,
0.4099

187.2618, 0.3596,
0.3540

 0.7727, 0.5861,
0.4139

229.3652, 0.3566,

 0.0000, 1.0000,

0.3525

0.0000

277.3490, 0.3538,
0.3511

0.0000, 0.0000,
0.0000

36.6051, 0.3938,
0.3697

36.6051, 0.3938,
0.3697

32.3646, 0.4221,
0.3797

41.3611, 0.3687,
0.3590

28.6157, 0.4531,
0.3882

46.6451, 0.3468,
0.3484

25.3403, 0.4856,
0.3939

52.4752, 0.3279,
0.3381

22.5167, 0.5176,
0.3955

58.8675, 0.3117,
0.3284

20.1211, 0.5467,
0.3921

65.8371, 0.2978,
0.3194

■ 18.1217, 0.5711,
0.3841

■ 73.3986, 0.2860,
0.3111

■ 17.9972, 0.5727,
0.3835

■ 81.0611, 0.2798,
0.3114

■ 88.4321, 0.2808,
0.3244

■ 91.1580, 0.2811,
0.3289

Harmonies

Analogous

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



36.6051, 0.3882, 0.3372



36.6051, 0.3938, 0.3697



36.6051, 0.3762, 0.3946

Triad

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



36.6051, 0.3938, 0.3697



36.6051, 0.2652, 0.3532



36.6051, 0.2802, 0.2644

Complementary

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



36.6051, 0.3938, 0.3697



37.0959, 0.2520, 0.2838

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.



36.6051, 0.2508, 0.2647



36.6051, 0.3938, 0.3697



36.6051, 0.2425, 0.3131

Square

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



36.6051, 0.3938, 0.3697



36.6051, 0.3012, 0.3877



36.6051, 0.2375, 0.2813



36.6051, 0.3203, 0.2790

Rectangle

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



36.6051, 0.3938, 0.3697



36.6051, 0.3547, 0.4025



36.6051, 0.2375, 0.2813



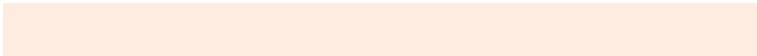
36.6051, 0.2689, 0.2628

Sweetspot

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



36.6068, 0.3938, 0.3697



86.8926, 0.3330, 0.3409



29.2621, 0.3500, 0.2669



18.3116, 0.3354, 0.3423



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.



36.6068, 0.3938, 0.3697



56.5519, 0.4172, 0.3781



51.4275, 0.3751, 0.4157



11.3086, 0.3280, 0.3381



11.4823, 0.5702, 0.3855



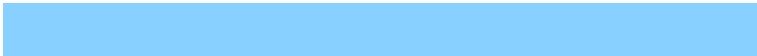
0.6842, 0.5317, 0.4160

Inverse Universe

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



37.0959, 0.2520, 0.2838



57.4701, 0.2397, 0.2722



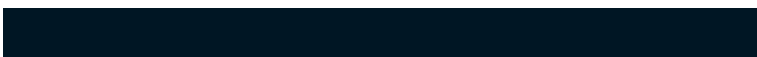
24.6403, 0.2429, 0.2241



11.3415, 0.2984, 0.3197



11.5999, 0.1879, 0.1963



0.6874, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 36.6051, 0.3938, 0.3697 looks on a white background.

Color Contrast Check

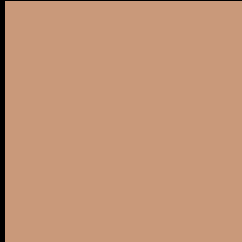
Large Text (above 18pt) WCAG AA × Fail

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 36.6051, 0.3938, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

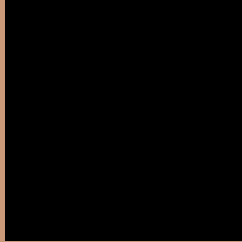
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6051, 0.3938, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 36.6051, 0.3938, 0.3697.



This preview shows how white text looks on a background with the Yxy color 36.6051, 0.3938, 0.3697.

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

36.6051, 0.3938, 0.3697

Protanopia

36.6994, 0.3574, 0.3822

Deuteranopia

36.8319, 0.3844, 0.3776



Tritanopia

36.6621, 0.3612, 0.3151

Trichromacy



Original Color

36.6051, 0.3938, 0.3697

Protanomaly

36.4673, 0.3702, 0.3764

Deuteranomaly

36.8932, 0.3880, 0.3757

Tritanomaly

36.7254, 0.3732, 0.3343

Monochromacy



Original Color

36.6051, 0.3938, 0.3697

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6586, 0.3396, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6051, 0.3938, 0.3697 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(201, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 122)  
}
```

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(201, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.6051, 0.3938, 0.3697 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(201, 153, 122) }
```

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

```
.border{ border-color:rgb(201, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6051, 0.3938, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 122) }
```

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

```
.background{ background-color: rgb(201,  
153, 122) }
```

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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