

Converting Colors

$Yxy(36.6502, 0.3771, 0.3467)$

Have a look what the booklet for
Yxy(36.6502, 0.3771, 0.3467)
contains.

Yxy(36.7090, 0.3777, 0.3475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.7090, 0.3777, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	C9988A
RGB	201, 152, 138
RGB Percent	79%, 60%, 54%
CMY	0.2118, 0.4039, 0.4588
CMYK	0.00, 0.24, 0.31, 0.21
HSL	13°, 37%, 66%
HSV	13°, 31%, 79%
XYZ	39.8992, 36.7090, 29.0292
YIQ	165.0550, 33.6980, 6.0340

Conversions

Conversions Part 2

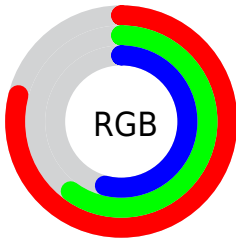
Format	Color
R _Y B	201, 156, 138
Decimal	13211786
CIE Lab	67.06, 16.37, 14.48
CIE LCh	67, 21.856, 41.496
Yxy	36.7090, 0.3777, 0.3475
Android (android.graphics.Color)	4291401866 (0xFFC9988A)
YUV	165.0550, -13.3381, 31.5238
Hunter-Lab	60.5880, 11.5195, 14.0043

Details

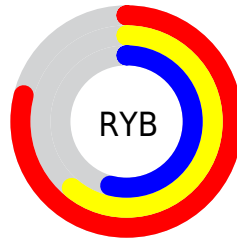
The Yxy color **36.7090, 0.3777, 0.3475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1485, 0.2659, 0.3096**, and the grayscale version is **37.7083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1642, 0.3623, 0.3446**, and **16.1229, 0.3991, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **31.4378, 0.4072, 0.3536**, and if you desaturate by 10%, it is **42.7598, 0.3528, 0.3413**.

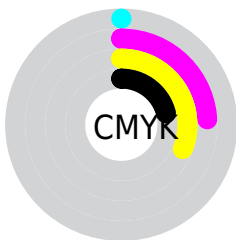
Distribution



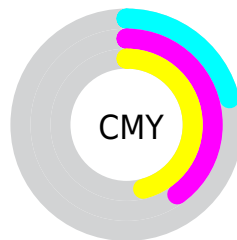
- Red (79%)
- Green (60%)
- Blue (54%)



- Red (79%)
- Yellow (61%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7090, 0.3777, 0.3475 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 36.7090, 0.3777, 0.3475 by changing the saturation by 10% instead.


 36.7090, 0.3777,
0.3475


 36.7090, 0.3777,
0.3475


332.0489, 0.3436,
0.3387

 24.9823, 0.3867,
0.3495


 70.1250, 0.3649,
0.3444

 16.0638, 0.3986,
0.3519


 92.5830, 0.3603,
0.3433

 9.5693, 0.4149,
0.3548


 119.3870, 0.3563,
0.3422

 5.1144, 0.4386,
0.3581

150.9212, 0.3530,
0.3413

 2.3145, 0.4757,
0.3611

187.5701, 0.3502,
0.3406

 0.7814, 0.6015,
0.3985

229.7181, 0.3477,


 0.0000, 1.0000,


0.3399


0.0000

277.7496, 0.3455,
0.3393


 0.0000, 0.0000,
0.0000


 36.7090, 0.3777,
0.3475


 36.7090, 0.3777,
0.3475


 31.4378, 0.4072,
0.3536


 42.7598, 0.3528,
0.3413


 26.9091, 0.4414,
0.3590


 49.6150, 0.3320,
0.3353


 23.0906, 0.4797,
0.3630


 57.3047, 0.3148,
0.3297

 19.9452, 0.5201,
0.3646


 65.8559, 0.3004,
0.3245


 17.4326, 0.5592,
0.3629

 75.2944, 0.2885,
0.3198

 15.5078, 0.5924,
0.3573

 85.4112, 0.2804,
0.3192

 14.2691, 0.6143,
0.3505

 91.1547, 0.2811,
0.3289

Harmonies

Analogous

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



36.7090, 0.3622, 0.3201



36.7090, 0.3777, 0.3475



36.7090, 0.3746, 0.3720

Triad

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



36.7090, 0.3777, 0.3475



36.7090, 0.2908, 0.3659



36.7090, 0.2708, 0.2748

Complementary

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



36.7090, 0.3777, 0.3475



45.1485, 0.2659, 0.3096

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.



36.7090, 0.2539, 0.2833



36.7090, 0.3777, 0.3475



36.7090, 0.2650, 0.3354

Square

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



36.7090, 0.3777, 0.3475



36.7090, 0.3234, 0.3852



36.7090, 0.2518, 0.3049



36.7090, 0.2993, 0.2796

Rectangle

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



36.7090, 0.3777, 0.3475



36.7090, 0.3626, 0.3834



36.7090, 0.2518, 0.3049



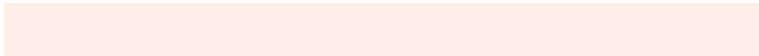
36.7090, 0.2637, 0.2761

Sweetspot

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



36.7107, 0.3777, 0.3475



87.7472, 0.3280, 0.3341



34.1956, 0.3296, 0.2673



18.3818, 0.3307, 0.3349



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.



36.7107, 0.3777, 0.3475



56.2352, 0.3985, 0.3519



48.1733, 0.3658, 0.3862



11.0132, 0.3284, 0.3342



9.0878, 0.6119, 0.3523



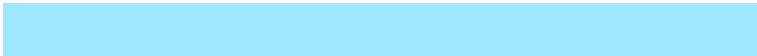
0.5421, 0.5707, 0.3851

Inverse Universe

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



45.1485, 0.2659, 0.3096



73.0298, 0.2561, 0.3044



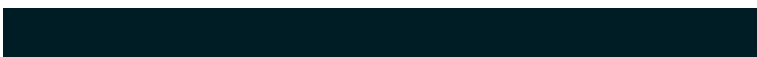
33.3460, 0.2606, 0.2643



11.6518, 0.2984, 0.3237



17.8039, 0.2046, 0.2564



0.9447, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 36.7090, 0.3777, 0.3475 looks on a white background.

Color Contrast Check

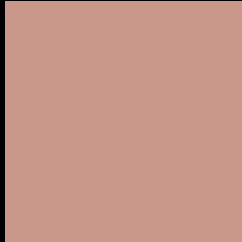
Large Text (above 18pt) WCAG AA × Fail

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 36.7090, 0.3777, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

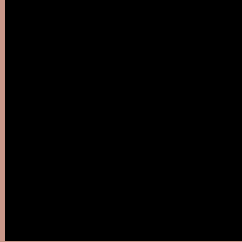
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7090, 0.3777, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 36.7090, 0.3777, 0.3475.



This preview shows how white text looks on a background with the Yxy color 36.7090, 0.3777, 0.3475.

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

36.7090, 0.3777, 0.3475

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

36.7389, 0.3644, 0.3564



Tritanopia

36.7295, 0.3578, 0.3150

Trichromacy



Original Color

36.7090, 0.3777, 0.3475

Protanomaly

36.6944, 0.3516, 0.3528

Deuteranomaly

36.5863, 0.3693, 0.3534

Tritanomaly

36.6362, 0.3648, 0.3266

Monochromacy



Original Color

36.7090, 0.3777, 0.3475

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.9731, 0.3349, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7090, 0.3777, 0.3475 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, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 138)  
}
```

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, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.7090, 0.3777, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

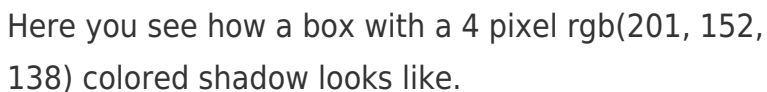
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 152, 138) }
```

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

```
.border{ border-color:rgb(201, 152, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 152, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 152, 138); box-shadow:4px 4px 4px 4px rgb(201, 152, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7090, 0.3777, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 138) }
```

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

```
.background{ background-color: rgb(201,  
152, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor