

Converting Colors

$Yxy(36.3054, 0.3591, 0.3882)$

Have a look what the booklet for
Yxy(36.3054, 0.3591, 0.3882)
contains.

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Color

Yxy(36.3702, 0.3590, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	ACA37A
RGB	172, 163, 122
RGB Percent	67%, 64%, 48%
CMY	0.3255, 0.3608, 0.5215
CMYK	0.00, 0.05, 0.29, 0.33
HSL	49°, 23%, 58%
HSV	49°, 29%, 67%
XYZ	33.6258, 36.3702, 23.6692
YIQ	161.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

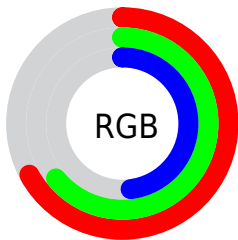
Format	Color
RYB	133, 172, 122
Decimal	11314042
CIELab	66.80, -3.28, 22.51
CIELCh	67, 22.743, 98.280
Yxy	36.3702, 0.3590, 0.3883
Android (android.graphics.Color)	4289504122 (0xFFACA37A)
YUV	161.0170, -19.2354, 9.6321
Hunter-Lab	60.3077, -6.0121, 18.9456

Details

The Yxy color **36.3702, 0.3590, 0.3883** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.3608, 0.2644, 0.2617**, and the grayscale version is **35.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7319, 0.3500, 0.3766**, and **15.7719, 0.3731, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **34.8950, 0.3761, 0.4088**, and if you desaturate by 10%, it is **37.9512, 0.3423, 0.3675**.

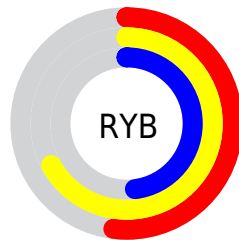
Distribution



Red (67%)

Green (64%)

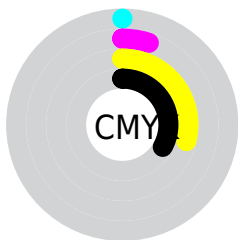
Blue (48%)



Red (52%)

Yellow (67%)

Blue (48%)

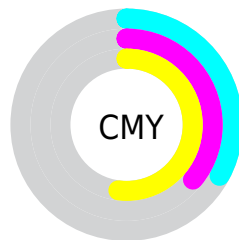


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3702, 0.3590, 0.3883 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 36.3702, 0.3590, 0.3883 by changing the saturation by 10% instead.


 36.3702, 0.3590,
0.3883


 36.3702, 0.3590,
0.3883


330.5757, 0.3352,
0.3574

 24.7202, 0.3651,
0.3964


 69.6031, 0.3502,
0.3768

 15.8688, 0.3729,
0.4069


 91.9548, 0.3470,
0.3725

 9.4313, 0.3832,
0.4211


 118.6425, 0.3442,
0.3690

 5.0236, 0.3975,
0.4412

150.0507, 0.3419,
0.3660

 2.2611, 0.4248,
0.4794

186.5638, 0.3399,
0.3634

 0.7530, 0.4578,
0.5422

228.5660, 0.3381,

 0.0000, 0.0000,

0.3611

0.0000

276.4419, 0.3366,
0.3591

■ 36.3702, 0.3590,
0.3883

■ 36.3702, 0.3590,
0.3883

■ 34.8950, 0.3761,
0.4088

■ 37.9512, 0.3423,
0.3675

■ 33.5165, 0.3932,
0.4281

■ 39.6368, 0.3263,
0.3469

■ 32.2317, 0.4094,
0.4452

■ 41.4324, 0.3114,
0.3272

■ 31.0356, 0.4242,
0.4593

■ 43.3414, 0.2976,
0.3085

■ 29.9227, 0.4368,
0.4694

■ 45.3671, 0.2849,
0.2910

■ 28.8862, 0.4468,
0.4751

■ 47.5125, 0.2735,
0.2748

■ 27.9139, 0.4543,
0.4768

■ 49.7805, 0.2632,
0.2600

■ 27.8239, 0.4550,
0.4770

■ 51.8721, 0.2564,
0.2509

■ 53.2089, 0.2569,
0.2547

Harmonies

Analogous

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



36.3702, 0.3785, 0.3714



36.3702, 0.3590, 0.3883



36.3702, 0.3275, 0.3889

Triad

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



36.3702, 0.3590, 0.3883



36.3702, 0.2500, 0.3068



36.3702, 0.3300, 0.2922

Complementary

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



36.3702, 0.3590, 0.3883



23.3608, 0.2644, 0.2617

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.



36.3702, 0.2951, 0.2764



36.3702, 0.3590, 0.3883



36.3702, 0.2505, 0.2831

Square

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



36.3702, 0.3590, 0.3883



36.3702, 0.2652, 0.3393



36.3702, 0.2665, 0.2728



36.3702, 0.3616, 0.3167

Rectangle

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



36.3702, 0.3590, 0.3883



36.3702, 0.3044, 0.3786



36.3702, 0.2665, 0.2728



36.3702, 0.3182, 0.2858

Sweetspot

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



36.3718, 0.3590, 0.3883



71.8672, 0.3265, 0.3472



24.3416, 0.3639, 0.3154



15.5219, 0.3287, 0.3500



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.3718, 0.3590, 0.3883



64.1970, 0.3702, 0.4018



37.9996, 0.3403, 0.4039



9.0810, 0.3267, 0.3475



20.7764, 0.4545, 0.4773



0.6410, 0.4422, 0.4871

Inverse Universe

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



23.3608, 0.2644, 0.2617



36.6482, 0.2520, 0.2436



22.2960, 0.2788, 0.2500



7.9820, 0.2986, 0.3098



3.0056, 0.1552, 0.0786



0.1514, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 36.3702, 0.3590, 0.3883 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 36.3702, 0.3590, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

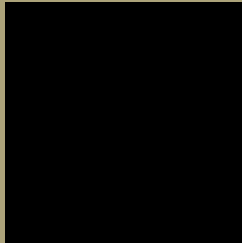
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3702, 0.3590, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 36.3702, 0.3590, 0.3883.



This preview shows how white text looks on a background with the Yxy color 36.3702, 0.3590, 0.3883.

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

36.3702, 0.3590, 0.3883

Protanopia

36.2445, 0.3615, 0.3866

Deuteranopia

36.2834, 0.3808, 0.3739



Tritanopia

36.4435, 0.3223, 0.3125

Trichromacy



Original Color

36.3702, 0.3590, 0.3883

Protanomaly

36.1300, 0.3604, 0.3868

Deuteranomaly

36.4167, 0.3721, 0.3792

Tritanomaly

36.2934, 0.3359, 0.3389

Monochromacy



Original Color

36.3702, 0.3590, 0.3883

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9466, 0.3291, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3702, 0.3590, 0.3883 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(172, 163, 122)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 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(172, 163, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.3702, 0.3590, 0.3883 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(172, 163, 122) }
```

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

```
.border{ border-color:rgb(172, 163, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 163, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3702, 0.3590, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 122) }
```

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

```
.background{ background-color: rgb(172,  
163, 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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