

Converting Colors

$Yxy(37.4936, 0.3716, 0.3572)$

Have a look what the booklet for
Yxy(37.4936, 0.3716, 0.3572)
contains.

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Color

Yxy(37.4936, 0.3716, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	C39D88
RGB	195, 157, 136
RGB Percent	76%, 62%, 53%
CMY	0.2353, 0.3843, 0.4667
CMYK	0.00, 0.19, 0.30, 0.24
HSL	21°, 33%, 65%
HSV	21°, 30%, 76%
XYZ	39.0051, 37.4936, 28.4666
YIQ	165.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

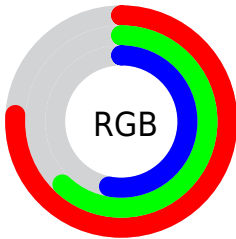
Format	Color
RYB	195, 169, 136
Decimal	12819848
CIELab	67.65, 11.02, 16.33
CIElCh	68, 19.701, 55.989
Yxy	37.4936, 0.3716, 0.3572
Android (android.graphics.Color)	4291009928 (0xFFC39D88)
YUV	165.9680, -14.7742, 25.4611
Hunter-Lab	61.2320, 6.5494, 15.2987

Details

The Yxy color **37.4936, 0.3716, 0.3572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4345, 0.2662, 0.2988**, and the grayscale version is **38.1793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4565, 0.3600, 0.3530**, and **16.5554, 0.3898, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **32.9586, 0.3977, 0.3669**, and if you desaturate by 10%, it is **42.5694, 0.3490, 0.3475**.

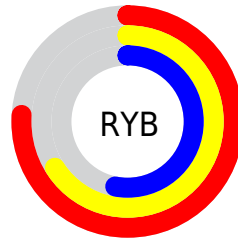
Distribution



Red (76%)

Green (62%)

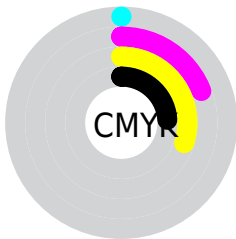
Blue (53%)



Red (76%)

Yellow (66%)

Blue (53%)

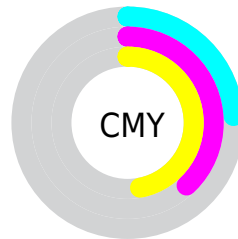


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4936, 0.3716, 0.3572 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 37.4936, 0.3716, 0.3572 by changing the saturation by 10% instead.


 37.4936, 0.3716,
0.3572


 37.4936, 0.3716,
0.3572


335.4426, 0.3409,
0.3433


 25.5899, 0.3797,
0.3606


 71.3313, 0.3601,
0.3522

 16.5171, 0.3902,
0.3648


 94.0341, 0.3559,
0.3503

 9.8908, 0.4047,
0.3703


 121.1053, 0.3524,
0.3487

 5.3266, 0.4254,
0.3773

152.9295, 0.3494,
0.3473

 2.4401, 0.4575,
0.3864

189.8909, 0.3468,
0.3461

 0.8464, 0.5641,
0.4359

232.3739, 0.3446,

 0.0000, 1.0000,

0.3450

0.0000

280.7631, 0.3426,
0.3441

0.0000, 0.0000,
0.0000

37.4936, 0.3716,
0.3572

37.4936, 0.3716,
0.3572

32.9586, 0.3977,
0.3669

42.5694, 0.3490,
0.3475

28.9405, 0.4273,
0.3759

48.1984, 0.3296,
0.3381

25.4214, 0.4598,
0.3832

54.3991, 0.3131,
0.3292

22.3801, 0.4940,
0.3878

61.1875, 0.2991,
0.3210

19.7937, 0.5276,
0.3884

68.5789, 0.2871,
0.3135

■ 17.6369, 0.5578,
0.3841

■ 76.5883, 0.2769,
0.3066

■ 15.9162, 0.5823,
0.3758

■ 84.0521, 0.2770,
0.3181

■ 90.3419, 0.2778,
0.3289

Harmonies

Analogous

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



37.4936, 0.3656, 0.3331



37.4936, 0.3716, 0.3572



37.4936, 0.3610, 0.3755

Triad

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



37.4936, 0.3716, 0.3572



37.4936, 0.2808, 0.3495



37.4936, 0.2865, 0.2808

Complementary

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



37.4936, 0.3716, 0.3572



39.4345, 0.2662, 0.2988

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.



37.4936, 0.2657, 0.2827



37.4936, 0.3716, 0.3572



37.4936, 0.2625, 0.3212

Square

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



37.4936, 0.3716, 0.3572



37.4936, 0.3080, 0.3725



37.4936, 0.2571, 0.2969



37.4936, 0.3152, 0.2904

Rectangle

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



37.4936, 0.3716, 0.3572



37.4936, 0.3464, 0.3814



37.4936, 0.2571, 0.2969



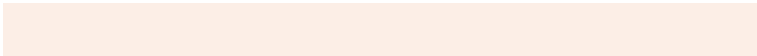
37.4936, 0.2784, 0.2801

Sweetspot

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



37.4953, 0.3716, 0.3572



87.5242, 0.3276, 0.3371



32.2745, 0.3371, 0.2791



18.8217, 0.3303, 0.3384



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.



37.4953, 0.3716, 0.3572



61.9323, 0.3876, 0.3633



48.5582, 0.3609, 0.3935



10.6520, 0.3280, 0.3373



10.4902, 0.5799, 0.3778



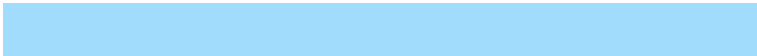
0.5842, 0.5368, 0.4120

Inverse Universe

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



39.4345, 0.2662, 0.2988



65.9173, 0.2568, 0.2915



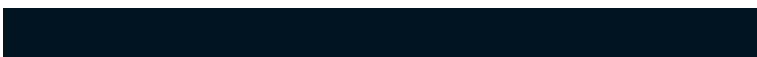
29.3730, 0.2613, 0.2550



10.8051, 0.2984, 0.3206



12.3444, 0.1915, 0.2093



0.6596, 0.1998, 0.2391

Previews

White Background



This preview shows how the Yxy color 37.4936, 0.3716, 0.3572 looks on a white background.

Color Contrast Check

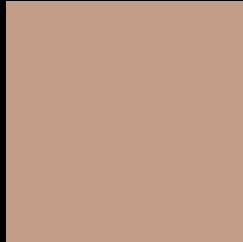
Large Text (above 18pt) WCAG AA × Fail

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 37.4936, 0.3716, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

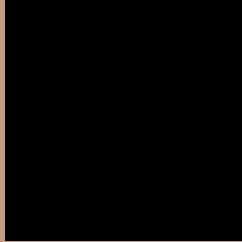
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4936, 0.3716, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 37.4936, 0.3716, 0.3572.



This preview shows how white text looks on a background with the Yxy color 37.4936, 0.3716, 0.3572.

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

37.4936, 0.3716, 0.3572

Protanopia

37.8024, 0.3438, 0.3646

Deuteranopia

37.6502, 0.3667, 0.3602



Tritanopia

37.5048, 0.3467, 0.3135

Trichromacy



Original Color

37.4936, 0.3716, 0.3572

Protanomaly

37.6498, 0.3536, 0.3611

Deuteranomaly

37.4378, 0.3681, 0.3588

Tritanomaly

37.3146, 0.3565, 0.3291

Monochromacy



Original Color

37.4936, 0.3716, 0.3572

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9081, 0.3334, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4936, 0.3716, 0.3572 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(195, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 136)  
}
```

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(195, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 37.4936, 0.3716, 0.3572 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(195, 157, 136) }
```

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

```
.border{ border-color:rgb(195, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(195, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4936, 0.3716, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 136) }
```

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

```
.background{ background-color: rgb(195,  
157, 136) }
```

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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