

Converting Colors

$Yxy(36.8829, 0.3736, 0.3600)$

Have a look what the booklet for
Yxy(36.8829, 0.3736, 0.3600)
contains.

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Color

Yxy(36.9397, 0.3739, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	C29C85
RGB	194, 156, 133
RGB Percent	76%, 61%, 52%
CMY	0.2393, 0.3882, 0.4784
CMYK	0.00, 0.20, 0.31, 0.24
HSL	23°, 33%, 64%
HSV	23°, 31%, 76%
XYZ	38.3660, 36.9397, 27.3046
YIQ	164.7400, 30.0310, 0.9030

Conversions

Conversions Part 2

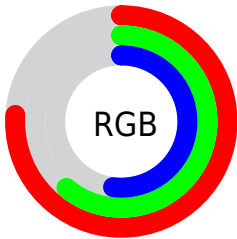
Format	Color
R _Y B	194, 170, 133
Decimal	12754053
CIE Lab	67.23, 10.76, 17.38
CIE LCh	67, 20.445, 58.232
Yxy	36.9397, 0.3739, 0.3600
Android (android.graphics.Color)	4290944133 (0xFFC29C85)
YUV	164.7400, -15.6478, 25.6610
Hunter-Lab	60.7780, 6.3161, 15.9085

Details

The Yxy color **36.9397, 0.3739, 0.3600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9992, 0.2643, 0.2956**, and the grayscale version is **37.5618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6429, 0.3617, 0.3552**, and **16.2167, 0.3933, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **32.5988, 0.3999, 0.3702**, and if you desaturate by 10%, it is **41.7863, 0.3512, 0.3497**.

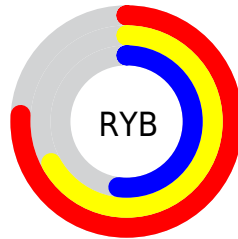
Distribution



Red (76%)

Green (61%)

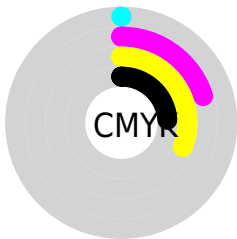
Blue (52%)



Red (76%)

Yellow (67%)

Blue (52%)

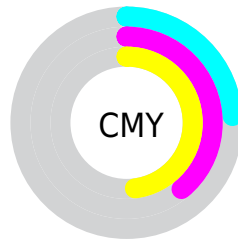


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9397, 0.3739, 0.3600 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 36.9397, 0.3739, 0.3600 by changing the saturation by 10% instead.


 36.9397, 0.3739,
0.3600


 36.9397, 0.3739,
0.3600


333.0494, 0.3419,
0.3446


 25.1608, 0.3823,
0.3637


 70.4800, 0.3620,
0.3545

 16.1969, 0.3933,
0.3684


 93.0103, 0.3576,
0.3524

 9.6636, 0.4084,
0.3745


 119.8931, 0.3539,
0.3506

 5.1765, 0.4300,
0.3823

151.5128, 0.3508,
0.3491

 2.3512, 0.4636,
0.3925

188.2539, 0.3481,
0.3477

 0.8006, 0.5644,
0.4356

230.5008, 0.3458,

 0.0000, 0.0000,

0.3466

0.0000

278.6378, 0.3437,
0.3455

■ 36.9397, 0.3739,
0.3600

■ 36.9397, 0.3739,
0.3600

■ 32.5988, 0.3999,
0.3702

■ 41.7863, 0.3512,
0.3497

■ 28.7412, 0.4292,
0.3796

■ 47.1496, 0.3316,
0.3397

■ 25.3504, 0.4612,
0.3872


■ 53.0469, 0.3149,
0.3303

■ 22.4069, 0.4944,
0.3919

■ 59.4930, 0.3006,
0.3215

■ 19.8893, 0.5268,
0.3923


■ 66.5021, 0.2884,
0.3134


 17.7741, 0.5556,
0.3876

 74.0878, 0.2779,
0.3061

 16.2542, 0.5766,
0.3804

 81.3424, 0.2760,
0.3135

 88.7156, 0.2771,
0.3264

 90.2057, 0.2773,
0.3289

Harmonies

Analogous

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



36.9397, 0.3689, 0.3351



36.9397, 0.3739, 0.3600



36.9397, 0.3616, 0.3785

Triad

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



36.9397, 0.3739, 0.3600



36.9397, 0.2776, 0.3482



36.9397, 0.2874, 0.2792

Complementary

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



36.9397, 0.3739, 0.3600



37.9992, 0.2643, 0.2956

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.



36.9397, 0.2649, 0.2802



36.9397, 0.3739, 0.3600



36.9397, 0.2595, 0.3186

Square

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



36.9397, 0.3739, 0.3600



36.9397, 0.3055, 0.3730



36.9397, 0.2550, 0.2940



36.9397, 0.3177, 0.2900

Rectangle

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



36.9397, 0.3739, 0.3600



36.9397, 0.3458, 0.3840



36.9397, 0.2550, 0.2940



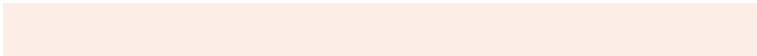
36.9397, 0.2787, 0.2781

Sweetspot

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



36.9414, 0.3739, 0.3600



87.8021, 0.3276, 0.3375



31.2100, 0.3393, 0.2784



18.8915, 0.3302, 0.3390



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.



36.9414, 0.3739, 0.3600



61.2092, 0.3923, 0.3674



48.2125, 0.3625, 0.3971



10.6867, 0.3280, 0.3377



10.8364, 0.5742, 0.3823



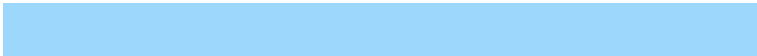
0.6012, 0.5322, 0.4157

Inverse Universe

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



37.9992, 0.2643, 0.2956



63.4213, 0.2534, 0.2866



27.9747, 0.2589, 0.2502



10.7692, 0.2984, 0.3201



11.6835, 0.1894, 0.2019



0.6340, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 36.9397, 0.3739, 0.3600 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 36.9397, 0.3739, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

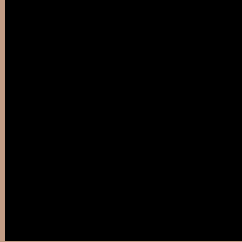
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9397, 0.3739, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 36.9397, 0.3739, 0.3600.



This preview shows how white text looks on a background with the Yxy color 36.9397, 0.3739, 0.3600.

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

36.9397, 0.3739, 0.3600

Protanopia

37.2413, 0.3458, 0.3677

Deuteranopia

36.7545, 0.3694, 0.3618



Tritanopia

36.9711, 0.3479, 0.3147

Trichromacy



Original Color

36.9397, 0.3739, 0.3600

Protanomaly

37.0911, 0.3558, 0.3641

Deuteranomaly

36.8838, 0.3704, 0.3617

Tritanomaly

36.7852, 0.3578, 0.3305

Monochromacy



Original Color

36.9397, 0.3739, 0.3600

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3707, 0.3344, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9397, 0.3739, 0.3600 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(194, 156, 133)` looks like.

```
.text, #text, p{  
    color:rgb(194, 156, 133)  
}
```

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(194, 156, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 156, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.9397, 0.3739, 0.3600 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(194, 156, 133) }
```

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

```
.border{ border-color:rgb(194, 156, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 156, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 156, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 156, 133);  
box-shadow:4px 4px 4px 4px rgb(194, 156,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9397, 0.3739, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 156, 133) }
```

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

```
.background{ background-color: rgb(194,  
156, 133) }
```

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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