

Converting Colors

$Yxy(38.1042, 0.3725, 0.3645)$

Have a look what the booklet for
Yxy(38.1042, 0.3725, 0.3645)
contains.

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Color

Yxy(37.9591, 0.3727, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	C29F85
RGB	194, 159, 133
RGB Percent	76%, 62%, 52%
CMY	0.2393, 0.3764, 0.4783
CMYK	0.00, 0.18, 0.31, 0.24
HSL	26°, 33%, 64%
HSV	26°, 31%, 76%
XYZ	38.8770, 37.9591, 27.4758
YIQ	166.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

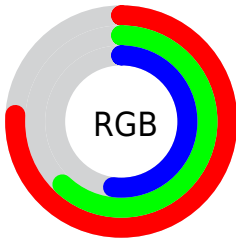
Format	Color
RYB	194, 178, 133
Decimal	12754821
CIELab	67.99, 9.13, 18.43
CIELCh	68, 20.563, 63.651
Yxy	37.9591, 0.3727, 0.3639
Android (android.graphics.Color)	4290944901 (0xFFC29F85)
YUV	166.5010, -16.5160, 24.1166
Hunter-Lab	61.6110, 4.8159, 16.6870

Details

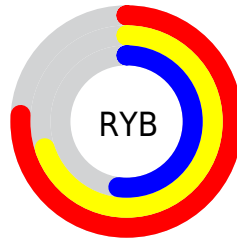
The Yxy color **37.9591, 0.3727, 0.3639** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8840, 0.2638, 0.2912**, and the grayscale version is **38.4603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1475, 0.3610, 0.3582**, and **16.8386, 0.3912, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **33.8164, 0.3977, 0.3753**, and if you desaturate by 10%, it is **42.5490, 0.3507, 0.3523**.

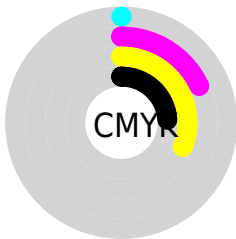
Distribution



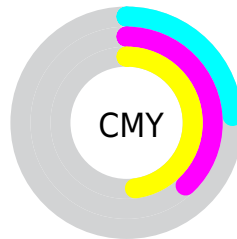
- Red (76%)
- Green (62%)
- Blue (52%)



- Red (76%)
- Yellow (70%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9591, 0.3727, 0.3639 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 37.9591, 0.3727, 0.3639 by changing the saturation by 10% instead.

 37.9591, 0.3727,
0.3639


 37.9591, 0.3727,
0.3639


337.4445, 0.3415,
0.3465


 25.9509, 0.3808,
0.3681


 72.0454, 0.3611,
0.3576

 16.7869, 0.3914,
0.3735


 94.8924, 0.3568,
0.3553

 10.0827, 0.4058,
0.3804


 122.1211, 0.3533,
0.3533

 5.4538, 0.4264,
0.3896

154.1160, 0.3502,
0.3515

 2.5159, 0.4577,
0.4017

191.2613, 0.3476,
0.3500

 0.8846, 0.5506,
0.4494

233.9416, 0.3453,

 0.0000, 1.0000,

0.3487

0.0000

282.5412, 0.3433,
0.3475

0.0000, 0.0000,
0.0000

37.9591, 0.3727,
0.3639

37.9591, 0.3727,
0.3639

33.8164, 0.3977,
0.3753

42.5490, 0.3507,
0.3523

30.1009, 0.4255,
0.3860

47.5944, 0.3315,
0.3411

26.7992, 0.4555,
0.3948

53.1102, 0.3149,
0.3305

23.8946, 0.4863,
0.4005

59.1090, 0.3006,
0.3205

21.3692, 0.5163,
0.4019

65.6027, 0.2883,
0.3114

■ 19.2030, 0.5430,
0.3981

■ 72.6030, 0.2777,
0.3030

■ 17.6078, 0.5627,
0.3914

■ 79.1994, 0.2757,
0.3095

■ 85.8408, 0.2767,
0.3215

■ 90.2065, 0.2773,
0.3289

Harmonies

Analogous

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



37.9591, 0.3709, 0.3398



37.9591, 0.3727, 0.3639



37.9591, 0.3577, 0.3804

Triad

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



37.9591, 0.3727, 0.3639



37.9591, 0.2736, 0.3429



37.9591, 0.2925, 0.2805

Complementary

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



37.9591, 0.3727, 0.3639



36.8840, 0.2638, 0.2912

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.



37.9591, 0.2683, 0.2792



37.9591, 0.3727, 0.3639



37.9591, 0.2578, 0.3136

Square

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



37.9591, 0.3727, 0.3639



37.9591, 0.3000, 0.3692



37.9591, 0.2559, 0.2907



37.9591, 0.3234, 0.2932

Rectangle

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



37.9591, 0.3727, 0.3639



37.9591, 0.3406, 0.3841



37.9591, 0.2559, 0.2907



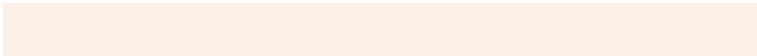
37.9591, 0.2834, 0.2787

Sweetspot

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



37.9609, 0.3727, 0.3639



88.4547, 0.3275, 0.3386



31.0966, 0.3426, 0.2822



19.0556, 0.3301, 0.3402



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.



37.9609, 0.3727, 0.3639



63.3208, 0.3904, 0.3722



49.5125, 0.3614, 0.4007



10.7681, 0.3279, 0.3389



11.7350, 0.5604, 0.3932



0.6435, 0.5214, 0.4242

Inverse Universe

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



36.8840, 0.2638, 0.2912



61.0386, 0.2526, 0.2809



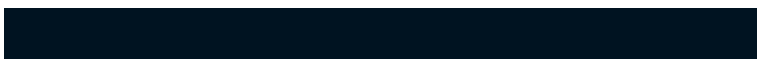
27.0888, 0.2584, 0.2455



10.6857, 0.2984, 0.3189



10.2422, 0.1846, 0.1846



0.5769, 0.1945, 0.2201

Previews

White Background



This preview shows how the Yxy color 37.9591, 0.3727, 0.3639 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 37.9591, 0.3727, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

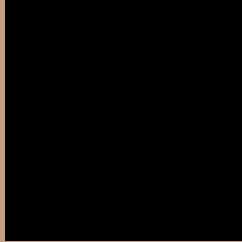
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9591, 0.3727, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 37.9591, 0.3727, 0.3639.



This preview shows how white text looks on a background with the Yxy color 37.9591, 0.3727, 0.3639.

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

37.9591, 0.3727, 0.3639

Protanopia

38.2801, 0.3492, 0.3715

Deuteranopia

37.8272, 0.3717, 0.3640



Tritanopia

37.8701, 0.3455, 0.3135

Trichromacy



Original Color

37.9591, 0.3727, 0.3639

Protanomaly

38.0109, 0.3581, 0.3679

Deuteranomaly

37.8272, 0.3717, 0.3640

Tritanomaly

37.9803, 0.3559, 0.3318

Monochromacy



Original Color

37.9591, 0.3727, 0.3639

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2646, 0.3332, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9591, 0.3727, 0.3639 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, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 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, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.9591, 0.3727, 0.3639 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, 159, 133) }
```

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

```
.border{ border-color:rgb(194, 159, 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, 159, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 133);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9591, 0.3727, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 133) }
```

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

```
.background{ background-color: rgb(194,  
159, 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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