

Converting Colors

$Y_{xy}(37.3860, 0.3673, 0.3411)$

Have a look what the booklet for
Yxy(37.3860, 0.3673, 0.3411)
contains.

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Color

Yxy(37.2977, 0.3677, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	C79A91
RGB	199, 154, 145
RGB Percent	78%, 60%, 57%
CMY	0.2196, 0.3960, 0.4314
CMYK	0.00, 0.23, 0.27, 0.22
HSL	10°, 33%, 67%
HSV	10°, 27%, 78%
XYZ	40.2181, 37.2977, 31.8616
YIQ	166.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

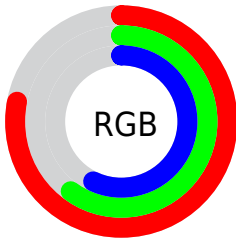
Format	Color
R _Y B	199, 156, 145
Decimal	13081233
CIE Lab	67.50, 15.46, 11.19
CIE LCh	67, 19.083, 35.883
Yxy	37.2977, 0.3677, 0.3410
Android (android.graphics.Color)	4291271313 (0xFFC79A91)
YUV	166.4290, -10.5645, 28.5648
Hunter-Lab	61.0718, 10.6732, 11.8182

Details

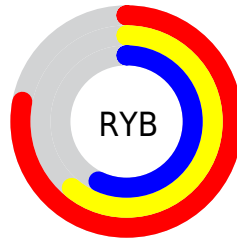
The Yxy color **37.2977, 0.3677, 0.3410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9582, 0.2723, 0.3166**, and the grayscale version is **38.3935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9844, 0.3555, 0.3394**, and **16.4560, 0.3845, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **31.6390, 0.3962, 0.3457**, and if you desaturate by 10%, it is **43.8230, 0.3440, 0.3364**.

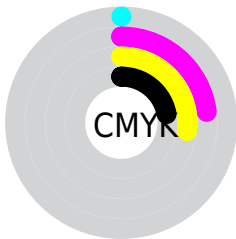
Distribution



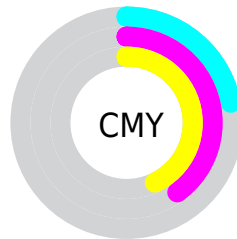
- Red (78%)
- Green (60%)
- Blue (57%)



- Red (78%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2977, 0.3677, 0.3410 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 37.2977, 0.3677, 0.3410 by changing the saturation by 10% instead.


 37.2977, 0.3677,
0.3410

 37.2977, 0.3677,
0.3410


334.5976, 0.3389,
0.3354

 25.4381, 0.3753,
0.3423


 71.0304, 0.3569,
0.3391

 16.4037, 0.3853,
0.3438


 93.6723, 0.3530,
0.3383

 9.8103, 0.3991,
0.3456


120.6770, 0.3497,
0.3376

 5.2734, 0.4191,
0.3477

152.4290, 0.3469,
0.3371

 2.4085, 0.4508,
0.3496

189.3127, 0.3445,
0.3366

 0.8303, 0.5596,
0.3839

231.7124, 0.3424,

 0.0000, 1.0000,

0.3361


0.0000

280.0126, 0.3406,
0.3357


 0.0000, 0.0000,
0.0000

 37.2977, 0.3677,
0.3410


 37.2977, 0.3677,
0.3410

 31.6390, 0.3962,
0.3457


 43.8230, 0.3440,
0.3364


 26.8053, 0.4300,
0.3500

 51.2439, 0.3245,
0.3320


 22.7593, 0.4687,
0.3534

 59.5944, 0.3084,
0.3279

 19.4589, 0.5108,
0.3552

 68.9053, 0.2952,
0.3241

 16.8578, 0.5530,
0.3545

 79.2059, 0.2843,
0.3207

■ 14.9045, 0.5902,
0.3508

■ 89.9050, 0.2799,
0.3273

■ 13.5389, 0.6175,
0.3444

■ 90.8817, 0.2800,
0.3289

■ 13.2427, 0.6239,
0.3428

Harmonies

Analogous

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



37.2977, 0.3516, 0.3171



37.2977, 0.3677, 0.3410



37.2977, 0.3682, 0.3632

Triad

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



37.2977, 0.3677, 0.3410



37.2977, 0.2989, 0.3649



37.2977, 0.2725, 0.2821

Complementary

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



37.2977, 0.3677, 0.3410



46.9582, 0.2723, 0.3166

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.



37.2977, 0.2600, 0.2921



37.2977, 0.3677, 0.3410



37.2977, 0.2746, 0.3399

Square

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



37.2977, 0.3677, 0.3410



37.2977, 0.3276, 0.3789



37.2977, 0.2607, 0.3129



37.2977, 0.2959, 0.2840

Rectangle

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



37.2977, 0.3677, 0.3410



37.2977, 0.3597, 0.3741



37.2977, 0.2607, 0.3129



37.2977, 0.2670, 0.2841

Sweetspot

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



37.2994, 0.3677, 0.3410



88.3884, 0.3262, 0.3324



36.1059, 0.3243, 0.2725



18.4771, 0.3290, 0.3330



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.



37.2994, 0.3677, 0.3410



58.8530, 0.3852, 0.3440



47.2307, 0.3588, 0.3750



10.9185, 0.3285, 0.3329



8.6035, 0.6220, 0.3443



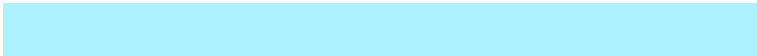
0.4991, 0.5852, 0.3736

Inverse Universe

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



46.9582, 0.2723, 0.3166



78.7388, 0.2636, 0.3133



36.3328, 0.2686, 0.2782



11.7543, 0.2984, 0.3250



20.2432, 0.2098, 0.2754



1.0408, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 37.2977, 0.3677, 0.3410 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 37.2977, 0.3677, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

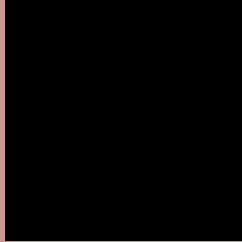
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2977, 0.3677, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 37.2977, 0.3677, 0.3410.



This preview shows how white text looks on a background with the Yxy color 37.2977, 0.3677, 0.3410.

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

37.2977, 0.3677, 0.3410

Protanopia

37.4109, 0.3319, 0.3490

Deuteranopia

37.5013, 0.3558, 0.3495



Tritanopia

37.1951, 0.3522, 0.3136

Trichromacy



Original Color

37.2977, 0.3677, 0.3410

Protanomaly

37.1035, 0.3445, 0.3458

Deuteranomaly

37.3340, 0.3605, 0.3466

Tritanomaly

37.1361, 0.3581, 0.3239

Monochromacy



Original Color

37.2977, 0.3677, 0.3410

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7743, 0.3318, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2977, 0.3677, 0.3410 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(199, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 145)  
}
```

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(199, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.2977, 0.3677, 0.3410 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(199, 154, 145) }
```

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

```
.border{ border-color:rgb(199, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2977, 0.3677, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 145) }
```

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

```
.background{ background-color: rgb(199,  
154, 145) }
```

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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