

Converting Colors

$Y_{xy}(37.8131, 0.3855, 0.3610)$

Have a look what the booklet for
Yxy(37.8131, 0.3855, 0.3610)
contains.

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Color

Yxy(37.7779, 0.3857, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	CB9B83
RGB	203, 155, 131
RGB Percent	80%, 61%, 51%
CMY	0.2040, 0.3921, 0.4863
CMYK	0.00, 0.24, 0.35, 0.20
HSL	20°, 41%, 65%
HSV	20°, 35%, 80%
XYZ	40.4411, 37.7779, 26.6322
YIQ	166.6160, 36.3120, 2.7120

Conversions

Conversions Part 2

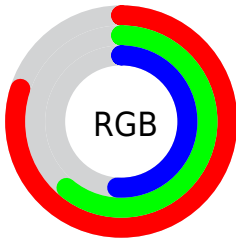
Format	Color
R _Y B	203, 167, 131
Decimal	13343619
CIE Lab	67.86, 14.62, 19.50
CIE LCh	68, 24.372, 53.151
Yxy	37.7779, 0.3857, 0.3603
Android (android.graphics.Color)	4291533699 (0xFFCB9B83)
YUV	166.6160, -17.5587, 31.9088
Hunter-Lab	61.4637, 9.8856, 17.3343

Details

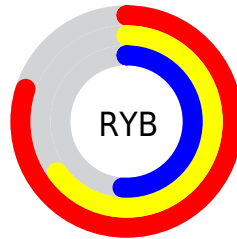
The Yxy color **37.7779, 0.3857, 0.3603** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3580, 0.2586, 0.2951**, and the grayscale version is **38.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8139, 0.3667, 0.3560**, and **16.6978, 0.4086, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **33.0293, 0.4143, 0.3691**, and if you desaturate by 10%, it is **43.1421, 0.3608, 0.3511**.

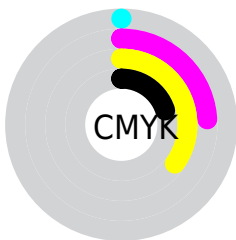
Distribution



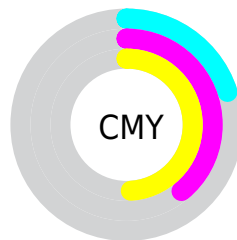
- Red (80%)
- Green (61%)
- Blue (51%)



- Red (80%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (20%)




- Cyan (20%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7779, 0.3857, 0.3603 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 37.7779, 0.3857, 0.3603 by changing the saturation by 10% instead.


 37.7779, 0.3857,
0.3603


 37.7779, 0.3857,
0.3603

336.6663, 0.3477,
0.3452


 25.8104, 0.3956,
0.3638


 71.7676, 0.3715,
0.3550

 16.6818, 0.4086,
0.3681


 94.5585, 0.3663,
0.3529

 10.0079, 0.4262,
0.3734


 121.7260, 0.3619,
0.3512

 5.4042, 0.4513,
0.3797

153.6545, 0.3582,
0.3496

 2.4863, 0.4900,
0.3872

190.7284, 0.3550,
0.3483

 0.8698, 0.5861,
0.4139

233.3321, 0.3523,

 0.0000, 1.0000,

0.3471

0.0000

281.8499, 0.3498,
0.3461

0.0000, 0.0000,
0.0000

37.7779, 0.3857,
0.3603

37.7779, 0.3857,
0.3603

33.0293, 0.4143,
0.3691

43.1421, 0.3608,
0.3511

28.8680, 0.4465,
0.3769

49.1382, 0.3395,
0.3421

25.2715, 0.4812,
0.3824


55.7884, 0.3214,
0.3335

22.2133, 0.5166,
0.3846

63.1121, 0.3061,
0.3254

19.6648, 0.5498,
0.3822

71.1282, 0.2931,
0.3180

 17.5935, 0.5776,
0.3748

 79.8545, 0.2820,
0.3113

 16.7947, 0.5888,
0.3707

 88.0885, 0.2818,
0.3234

 91.4327, 0.2821,
0.3289

Harmonies

Analogous

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



37.7779, 0.3764, 0.3306



37.7779, 0.3857, 0.3603



37.7779, 0.3742, 0.3843

Triad

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



37.7779, 0.3857, 0.3603



37.7779, 0.2761, 0.3576



37.7779, 0.2774, 0.2699

Complementary

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



37.7779, 0.3857, 0.3603



41.3580, 0.2586, 0.2951

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.



37.7779, 0.2535, 0.2732



37.7779, 0.3857, 0.3603



37.7779, 0.2527, 0.3221

Square

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



37.7779, 0.3857, 0.3603



37.7779, 0.3100, 0.3853



37.7779, 0.2447, 0.2914



37.7779, 0.3120, 0.2804

Rectangle

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



37.7779, 0.3857, 0.3603



37.7779, 0.3568, 0.3932



37.7779, 0.2447, 0.2914



37.7779, 0.2680, 0.2693

Sweetspot

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



37.7797, 0.3857, 0.3603



86.9731, 0.3313, 0.3383



32.1790, 0.3413, 0.2687



18.2928, 0.3339, 0.3395



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.



37.7797, 0.3857, 0.3603



56.7466, 0.4086, 0.3675



51.5832, 0.3703, 0.4034



11.8152, 0.3282, 0.3368



10.8420, 0.5863, 0.3727



0.6987, 0.5479, 0.4032

Inverse Universe

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



41.3580, 0.2586, 0.2951



63.6271, 0.2469, 0.2859



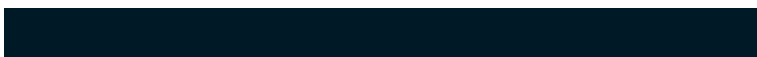
28.7790, 0.2513, 0.2414



12.0717, 0.2983, 0.3211



13.9908, 0.1936, 0.2170



0.8578, 0.2004, 0.2414

Previews

White Background



This preview shows how the Yxy color 37.7779, 0.3857, 0.3603 looks on a white background.

Color Contrast Check

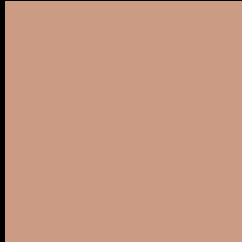
Large Text (above 18pt) WCAG AA × Fail

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 37.7779, 0.3857, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

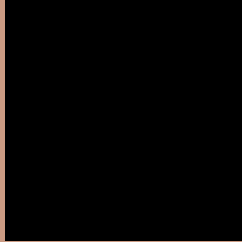
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7779, 0.3857, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 37.7779, 0.3857, 0.3603.



This preview shows how white text looks on a background with the Yxy color 37.7779, 0.3857, 0.3603.

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

37.7779, 0.3857, 0.3603

Protanopia

37.8018, 0.3485, 0.3703

Deuteranopia

37.8773, 0.3757, 0.3679



Tritanopia

37.8637, 0.3583, 0.3152

Trichromacy



Original Color

37.7779, 0.3857, 0.3603

Protanomaly

37.5253, 0.3618, 0.3664

Deuteranomaly

37.9357, 0.3792, 0.3662

Tritanomaly

37.6700, 0.3684, 0.3304

Monochromacy



Original Color

37.7779, 0.3857, 0.3603

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2308, 0.3372, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7779, 0.3857, 0.3603 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(203, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 131)  
}
```

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(203, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 131) }
```

Border

The CSS property to change the border of an element to Yxy 37.7779, 0.3857, 0.3603 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(203, 155, 131) }
```

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

```
.border{ border-color:rgb(203, 155, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 131);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7779, 0.3857, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 131) }
```

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

```
.background{ background-color: rgb(203,  
155, 131) }
```

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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