

Converting Colors

$Y_{xy}(31.1080, 0.3767, 0.3587)$

Have a look what the booklet for
Yxy(31.1080, 0.3767, 0.3587)
contains.

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Color

Yxy(31.0201, 0.3770, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	B68F7B
RGB	182, 143, 123
RGB Percent	71%, 56%, 48%
CMY	0.2862, 0.4392, 0.5176
CMYK	0.00, 0.21, 0.32, 0.29
HSL	20°, 29%, 60%
HSV	20°, 32%, 71%
XYZ	32.6938, 31.0201, 23.0071
YIQ	152.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

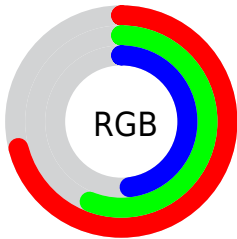
Format	Color
RYB	182, 153, 123
Decimal	11964283
CIELab	62.52, 11.86, 16.26
CIElCh	63, 20.131, 53.892
Yxy	31.0201, 0.3770, 0.3577
Android (android.graphics.Color)	4290154363 (0xFFB68F7B)
YUV	152.3810, -14.4848, 25.9759
Hunter-Lab	55.6957, 7.3135, 14.4951

Details

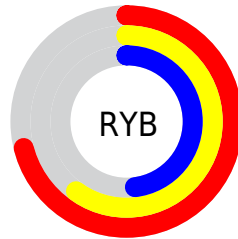
The Yxy color **31.0201, 0.3770, 0.3577** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4461, 0.2634, 0.2982**, and the grayscale version is **31.6286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4178, 0.3635, 0.3522**, and **12.9123, 0.3993, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **27.1846, 0.4041, 0.3668**, and if you desaturate by 10%, it is **35.3313, 0.3536, 0.3485**.

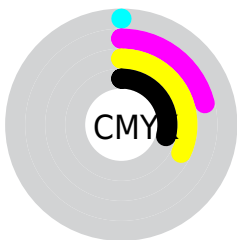
Distribution



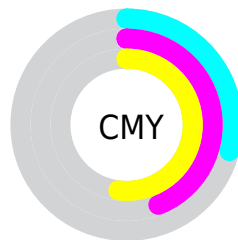
- Red (71%)
- Green (56%)
- Blue (48%)



- Red (71%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0201, 0.3770, 0.3577 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 31.0201, 0.3770, 0.3577 by changing the saturation by 10% instead.


 31.0201, 0.3770,
0.3577


 31.0201, 0.3770,
0.3577


306.6309, 0.3424,
0.3432

 20.6142, 0.3865,
0.3613


 61.2717, 0.3638,
0.3524

 12.8423, 0.3991,
0.3658


 81.8862, 0.3591,
0.3504

 7.3200, 0.4168,
0.3716


 106.6723, 0.3551,
0.3488

 3.6630, 0.4432,
0.3791

136.0144, 0.3518,
0.3473

 1.4869, 0.5005,
0.3994

170.2969, 0.3489,
0.3461

 0.2795, 0.6652,
0.3348

209.9042, 0.3465,

 0.0000, 0.0000,

0.3450

0.0000

255.2208, 0.3443,
0.3440

■ 31.0201, 0.3770,
0.3577

■ 31.0201, 0.3770,
0.3577

■ 27.1846, 0.4041,
0.3668

■ 35.3313, 0.3536,
0.3485

■ 23.8034, 0.4347,
0.3751

■ 40.1297, 0.3335,
0.3395

■ 20.8601, 0.4682,
0.3816


■ 45.4320, 0.3164,
0.3310


■ 18.3353, 0.5032,
0.3851


■ 51.2527, 0.3020,
0.3231

■ 16.2081, 0.5371,
0.3846

■ 57.6057, 0.2897,
0.3158


 14.4551, 0.5669,
0.3791

 64.5045, 0.2792,
0.3091

 13.3535, 0.5862,
0.3728

 71.9618, 0.2702,
0.3031

 79.0807, 0.2693,
0.3118

 86.3786, 0.2707,
0.3250

Harmonies

Analogous

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



31.0201, 0.3692, 0.3314



31.0201, 0.3770, 0.3577



31.0201, 0.3666, 0.3784

Triad

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



31.0201, 0.3770, 0.3577



31.0201, 0.2798, 0.3534



31.0201, 0.2822, 0.2765

Complementary

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



31.0201, 0.3770, 0.3577



33.4461, 0.2634, 0.2982

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.



31.0201, 0.2605, 0.2794



31.0201, 0.3770, 0.3577



31.0201, 0.2591, 0.3224

Square

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



31.0201, 0.3770, 0.3577



31.0201, 0.3098, 0.3778



31.0201, 0.2523, 0.2955



31.0201, 0.3131, 0.2861

Rectangle

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



31.0201, 0.3770, 0.3577



31.0201, 0.3511, 0.3857



31.0201, 0.2523, 0.2955



31.0201, 0.2737, 0.2760

Sweetspot

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



31.0216, 0.3770, 0.3577



74.8153, 0.3294, 0.3375



26.7384, 0.3380, 0.2744



16.2368, 0.3319, 0.3387



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0216, 0.3770, 0.3577



51.1063, 0.3962, 0.3643



40.9554, 0.3647, 0.3965



9.4960, 0.3279, 0.3368



9.5393, 0.5841, 0.3744



0.4538, 0.5332, 0.4148

Inverse Universe

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



33.4461, 0.2634, 0.2982



56.1747, 0.2528, 0.2901



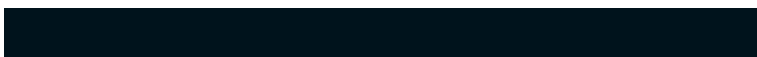
24.3238, 0.2577, 0.2509



9.6845, 0.2985, 0.3211



12.0619, 0.1933, 0.2159



0.5348, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 31.0201, 0.3770, 0.3577 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 31.0201, 0.3770, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

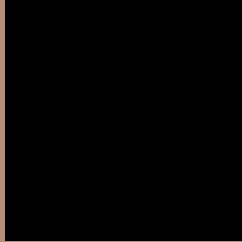
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0201, 0.3770, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 31.0201, 0.3770, 0.3577.



This preview shows how white text looks on a background with the Yxy color 31.0201, 0.3770, 0.3577.

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

31.0201, 0.3770, 0.3577

Protanopia

31.1391, 0.3455, 0.3660

Deuteranopia

30.9110, 0.3694, 0.3613



Tritanopia

30.9815, 0.3519, 0.3138

Trichromacy



Original Color

31.0201, 0.3770, 0.3577

Protanomaly

31.0110, 0.3562, 0.3621

Deuteranomaly

30.8416, 0.3721, 0.3596

Tritanomaly

30.8400, 0.3616, 0.3291

Monochromacy



Original Color

31.0201, 0.3770, 0.3577

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2045, 0.3352, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0201, 0.3770, 0.3577 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(182, 143, 123)` looks like.

```
.text, #text, p{  
    color:rgb(182, 143, 123)  
}
```

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(182, 143, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 143, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.0201, 0.3770, 0.3577 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(182, 143, 123) }
```

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

```
.border{ border-color:rgb(182, 143, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 143, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 143, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 143, 123); box-shadow:4px 4px 4px 4px rgb(182, 143, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0201, 0.3770, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 143, 123) }
```

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

```
.background{ background-color: rgb(182,  
143, 123) }
```

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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