

Converting Colors

$Y_{xy}(28.0325, 0.3998, 0.3762)$

Have a look what the booklet for
Yxy(28.0325, 0.3998, 0.3762)
contains.

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Color

Yxy(27.8909, 0.4001, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	B38767
RGB	179, 135, 103
RGB Percent	70%, 53%, 40%
CMY	0.2980, 0.4706, 0.5962
CMYK	0.00, 0.25, 0.42, 0.30
HSL	25°, 33%, 55%
HSV	25°, 42%, 70%
XYZ	29.7023, 27.8909, 16.6440
YIQ	144.5080, 36.4960, -0.6240

Conversions

Conversions Part 2

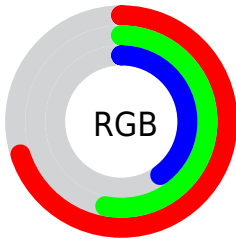
Format	Color
R_{YB}	179, 158, 103
Decimal	11765607
CIE _{Lab}	59.79, 12.62, 23.74
CIE _{LCh}	60, 26.882, 61.998
Yxy	27.8909, 0.4001, 0.3757
Android (android.graphics.Color)	4289955687 (0xFFB38767)
YUV	144.5080, -20.4634, 30.2495
Hunter-Lab	52.8118, 7.9708, 18.2827

Details

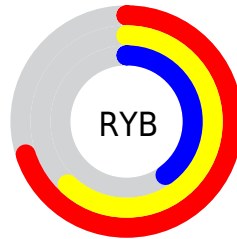
The Yxy color $27.8909, 0.4001, 0.3757$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $26.9976, 0.2472, 0.2762$, and the grayscale version is $28.1790, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1324, 0.3821, 0.3672$, and $11.0676, 0.4296, 0.3873$ is the 20% darker color. If you saturate the color by 10%, you get $24.8188, 0.4281, 0.3860$, and if you desaturate by 10%, it is $31.3240, 0.3749, 0.3645$.

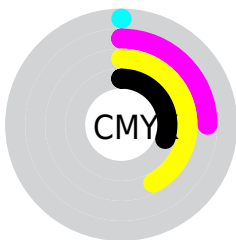
Distribution



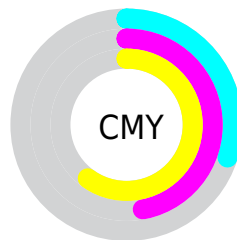
- Red (70%)
- Green (53%)
- Blue (40%)



- Red (70%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (30%)



- Cyan (30%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.8909, 0.4001, 0.3757 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 27.8909, 0.4001, 0.3757 by changing the saturation by 10% instead.


 27.8909, 0.4001,
0.3757


 27.8909, 0.4001,
0.3757

291.9452, 0.3526,
0.3520


 18.2434, 0.4132,
0.3815


 56.3102, 0.3819,
0.3671


 11.1249, 0.4306,
0.3886


 75.8508, 0.3754,
0.3639

 6.1509, 0.4548,
0.3973

 99.4580, 0.3699,
0.3611

 2.9371, 0.4911,
0.4081

 127.5160, 0.3654,
0.3588

 1.0990, 0.5675,
0.4325

160.4094, 0.3615,
0.3567

 0.0000, 1.0000,
0.0000

198.5225, 0.3581,

 0.0000, 0.0000,

0.3549

0.0000

242.2396, 0.3551,
0.3534

■ 27.8909, 0.4001,
0.3757

■ 27.8909, 0.4001,
0.3757

■ 24.8188, 0.4281,
0.3860

■ 31.3240, 0.3749,
0.3645

■ 22.0906, 0.4582,
0.3945

■ 35.1262, 0.3526,
0.3531

■ 19.6939, 0.4892,
0.3998


■ 39.3104, 0.3332,
0.3420


■ 17.6135, 0.5190,
0.4008

■ 43.8877, 0.3165,
0.3315

■ 15.8326, 0.5456,
0.3967


■ 48.8685, 0.3021,
0.3217

 14.6716, 0.5632,
0.3910

 54.2628, 0.2896,
0.3126

 60.0805, 0.2789,
0.3043

 66.3309, 0.2697,
0.2967

 72.4242, 0.2663,
0.2992

Harmonies

Analogous

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



27.8909, 0.3966, 0.3409



27.8909, 0.4001, 0.3757



27.8909, 0.3787, 0.4019

Triad

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



27.8909, 0.4001, 0.3757



27.8909, 0.2581, 0.3512



27.8909, 0.2810, 0.2601

Complementary

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



27.8909, 0.4001, 0.3757



26.9976, 0.2472, 0.2762

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.



27.8909, 0.2479, 0.2586



27.8909, 0.4001, 0.3757



27.8909, 0.2354, 0.3077

Square

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



27.8909, 0.4001, 0.3757



27.8909, 0.2960, 0.3905



27.8909, 0.2319, 0.2747



27.8909, 0.3251, 0.2771

Rectangle

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



27.8909, 0.4001, 0.3757



27.8909, 0.3543, 0.4094



27.8909, 0.2319, 0.2747



27.8909, 0.2684, 0.2578

Sweetspot

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



27.8922, 0.4001, 0.3757



69.8159, 0.3346, 0.3428



21.3972, 0.3570, 0.2659



15.0933, 0.3387, 0.3452



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.8922, 0.4001, 0.3757



44.7655, 0.4263, 0.3854



40.3231, 0.3783, 0.4246



9.0740, 0.3277, 0.3386



10.4903, 0.5612, 0.3926



0.4466, 0.5122, 0.4315

Inverse Universe

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



26.9976, 0.2472, 0.2762



42.9229, 0.2334, 0.2620



17.1415, 0.2365, 0.2108



9.0196, 0.2985, 0.3192



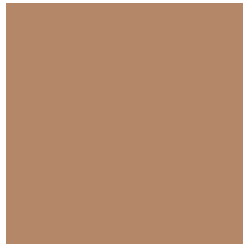
9.3696, 0.1853, 0.1870



0.4072, 0.1975, 0.2308

Previews

White Background



This preview shows how the Yxy color 27.8909, 0.4001, 0.3757 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8909, 0.4001, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

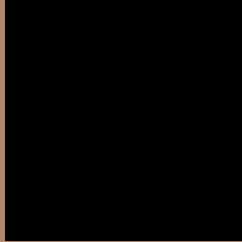
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8909, 0.4001, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 27.8909, 0.4001, 0.3757.



This preview shows how white text looks on a background with the Yxy color 27.8909, 0.4001, 0.3757.

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

27.8909, 0.4001, 0.3757

Protanopia

27.9766, 0.3629, 0.3883

Deuteranopia

27.9069, 0.3912, 0.3830



Tritanopia

27.8038, 0.3625, 0.3149

Trichromacy



Original Color

27.8909, 0.4001, 0.3757

Protanomaly

27.9829, 0.3758, 0.3833

Deuteranomaly

27.9646, 0.3953, 0.3809

Tritanomaly

27.8586, 0.3760, 0.3364

Monochromacy



Original Color

27.8909, 0.4001, 0.3757

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8296, 0.3418, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8909, 0.4001, 0.3757 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(179, 135, 103)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 103)  
}
```

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(179, 135, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.8909, 0.4001, 0.3757 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(179, 135, 103) }
```

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

```
.border{ border-color:rgb(179, 135, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 135, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 103);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8909, 0.4001, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 103) }
```

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

```
.background{ background-color: rgb(179,  
135, 103) }
```

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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