

Converting Colors

$Y_{xy}(27.7894, 0.3740, 0.3306)$

Have a look what the booklet for
Yxy(27.7894, 0.3740, 0.3306)
contains.

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Color

Yxy(27.7894, 0.3740, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	B68382
RGB	182, 131, 130
RGB Percent	71%, 51%, 51%
CMY	0.2863, 0.4863, 0.4901
CMYK	0.00, 0.28, 0.29, 0.29
HSL	1°, 26%, 61%
HSV	1°, 29%, 71%
XYZ	31.4375, 27.7894, 24.8306
YIQ	146.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

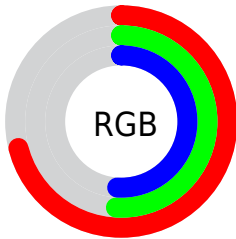
Format	Color
RYB	182, 131, 130
Decimal	11961218
CIELab	59.70, 19.50, 8.32
CIELCh	60, 21.203, 23.113
Yxy	27.7894, 0.3740, 0.3306
Android (android.graphics.Color)	4290151298 (0xFFB68382)
YUV	146.1350, -7.9546, 31.4536
Hunter-Lab	52.7157, 14.1978, 8.9737

Details

The Yxy color **27.7894, 0.3740, 0.3306** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1758, 0.2718, 0.3274**, and the grayscale version is **28.8276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0506, 0.3611, 0.3302**, and **11.0681, 0.3965, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **22.9546, 0.4058, 0.3312**, and if you desaturate by 10%, it is **33.5396, 0.3481, 0.3300**.

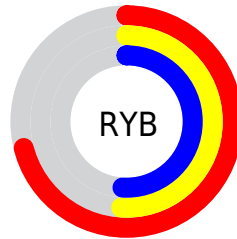
Distribution



Red (71%)

Green (51%)

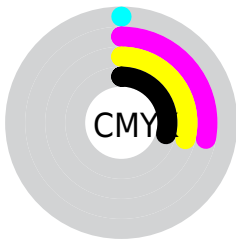
Blue (51%)



Red (71%)

Yellow (51%)

Blue (51%)

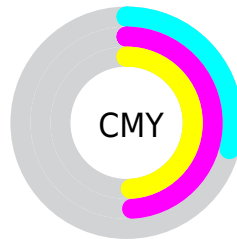


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7894, 0.3740, 0.3306 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 27.7894, 0.3740, 0.3306 by changing the saturation by 10% instead.


 27.7894, 0.3740,
0.3306


 27.7894, 0.3740,
0.3306


291.4592, 0.3404,
0.3304


 18.1670, 0.3835,
0.3304


 56.1480, 0.3610,
0.3307

 11.0699, 0.3964,
0.3299


 75.6530, 0.3564,
0.3307

 6.1139, 0.4149,
0.3289

 99.2210, 0.3526,
0.3306

 2.9145, 0.4438,
0.3264

127.2363, 0.3494,
0.3306

 1.0872, 0.5010,
0.3240

160.0834, 0.3466,
0.3305

 0.0000, 1.0000,
0.0000

198.1467, 0.3443,


 0.0000, 0.0000,

0.3305

0.0000


241.8105, 0.3422,
0.3304


 27.7894, 0.3740,
0.3306


 27.7894, 0.3740,
0.3306

 22.9546, 0.4058,
0.3312


 33.5396, 0.3481,
0.3300


 18.9843, 0.4441,
0.3318


 40.2449, 0.3273,
0.3294

 15.8288, 0.4882,
0.3322

 47.9472, 0.3105,
0.3289

 13.4315, 0.5352,
0.3324

 56.6850, 0.2971,
0.3285

 11.7289, 0.5799,
0.3322

 66.4947, 0.2862,
0.3281

■ 10.6469, 0.6150,
0.3316

■ 77.4108, 0.2773,
0.3277

■ 10.0816, 0.6361,
0.3311

■ 88.6850, 0.2711,
0.3289

■ 10.0202, 0.6387,
0.3311

Harmonies

Analogous

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



27.7894, 0.3474, 0.3030



27.7894, 0.3740, 0.3306



27.7894, 0.3830, 0.3593

Triad

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



27.7894, 0.3740, 0.3306



27.7894, 0.3103, 0.3831



27.7894, 0.2555, 0.2752

Complementary

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



27.7894, 0.3740, 0.3306



41.1758, 0.2718, 0.3274

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.



27.7894, 0.2471, 0.2929



27.7894, 0.3740, 0.3306



27.7894, 0.2775, 0.3566

Square

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



27.7894, 0.3740, 0.3306



27.7894, 0.3450, 0.3922



27.7894, 0.2548, 0.3225



27.7894, 0.2787, 0.2718

Rectangle

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



27.7894, 0.3740, 0.3306



27.7894, 0.3778, 0.3758



27.7894, 0.2548, 0.3225



27.7894, 0.2509, 0.2795

Sweetspot

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



27.7907, 0.3740, 0.3306



72.1992, 0.3284, 0.3295



29.2556, 0.3169, 0.2602



15.5351, 0.3312, 0.3296



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.



27.7907, 0.3740, 0.3306



44.9206, 0.3924, 0.3310



35.6281, 0.3640, 0.3668



9.0389, 0.3287, 0.3295



7.0874, 0.6384, 0.3313



0.2592, 0.6315, 0.3368

Inverse Universe

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



41.1758, 0.2718, 0.3274



73.0121, 0.2643, 0.3271



31.6137, 0.2677, 0.2879



10.1805, 0.2985, 0.3285



25.0328, 0.2231, 0.3230



0.8918, 0.2235, 0.3246

Previews

White Background



This preview shows how the Yxy color 27.7894, 0.3740, 0.3306 looks on a white background.

Color Contrast Check

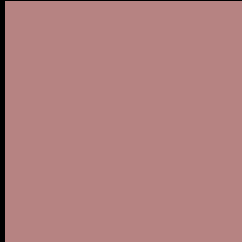
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7894, 0.3740, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

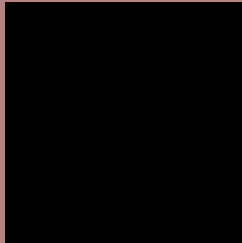
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7894, 0.3740, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 27.7894, 0.3740, 0.3306.



This preview shows how white text looks on a background with the Yxy color 27.7894, 0.3740, 0.3306.

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

27.7894, 0.3740, 0.3306

Protanopia

28.0486, 0.3240, 0.3403

Deuteranopia

27.9427, 0.3514, 0.3445



Tritanopia

27.8966, 0.3648, 0.3163

Trichromacy



Original Color

27.7894, 0.3740, 0.3306

Protanomaly

27.6601, 0.3414, 0.3369

Deuteranomaly

27.8512, 0.3605, 0.3397

Tritanomaly

27.8101, 0.3684, 0.3206

Monochromacy



Original Color

27.7894, 0.3740, 0.3306

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3141, 0.3334, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7894, 0.3740, 0.3306 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, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 131, 130)  
}
```

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, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 131, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.7894, 0.3740, 0.3306 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, 131, 130) }
```

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

```
.border{ border-color:rgb(182, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 131,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7894, 0.3740, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 131, 130) }
```

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

```
.background{ background-color: rgb(182,  
131, 130) }
```

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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