

Converting Colors

$Y_{xy}(27.4080, 0.3847, 0.3447)$

Have a look what the booklet for
Yxy(27.4080, 0.3847, 0.3447)
contains.

Yxy(27.4124, 0.3848, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4124, 0.3848, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	B58378
RGB	181, 131, 120
RGB Percent	71%, 51%, 47%
CMY	0.2901, 0.4863, 0.5293
CMYK	0.00, 0.28, 0.34, 0.29
HSL	11°, 29%, 59%
HSV	11°, 34%, 71%
XYZ	30.5659, 27.4124, 21.4549
YIQ	144.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

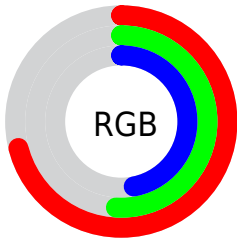
Format	Color
R_{YB}	181, 133, 120
Decimal	11895672
CIE _{Lab}	59.35, 17.76, 13.54
CIE _{LCh}	59, 22.330, 37.323
Yxy	27.4124, 0.3848, 0.3451
Android (android.graphics.Color)	4290085752 (0xFFB58378)
YUV	144.6960, -12.1751, 31.8386
Hunter-Lab	52.3569, 12.5837, 12.3538

Details

The Yxy color $27.4124, 0.3848, 0.3451$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.0943, 0.2635, 0.3121$, and the grayscale version is $28.2271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4367, 0.3697, 0.3425$, and $10.8648, 0.4113, 0.3473$ is the 20% darker color. If you saturate the color by 10%, you get $23.3093, 0.4161, 0.3499$, and if you desaturate by 10%, it is $32.1725, 0.3585, 0.3401$.

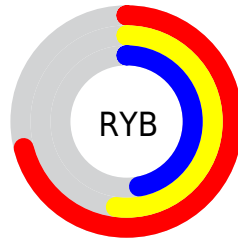
Distribution



Red (71%)

Green (51%)

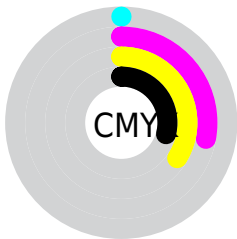
Blue (47%)



Red (71%)

Yellow (52%)

Blue (47%)

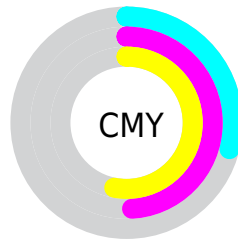


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4124, 0.3848, 0.3451 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 27.4124, 0.3848, 0.3451 by changing the saturation by 10% instead.

 27.4124, 0.3848,
0.3451


 27.4124, 0.3848,
0.3451


289.6484, 0.3452,
0.3374


 17.8832, 0.3960,
0.3468


 55.5449, 0.3695,
0.3424

 10.8662, 0.4112,
0.3488


 74.9170, 0.3640,
0.3414

 5.9769, 0.4330,
0.3510

 98.3389, 0.3595,
0.3405

 2.8310, 0.4666,
0.3527

126.1949, 0.3557,
0.3397

 1.0442, 0.5600,
0.3750

158.8695, 0.3525,
0.3390

 0.0000, 1.0000,
0.0000

196.7470, 0.3497,

 0.0000, 0.0000,

0.3384

0.0000

240.2118, 0.3473,
0.3378

■ 27.4124, 0.3848,
0.3451

■ 27.4124, 0.3848,
0.3451

■ 23.3093, 0.4161,
0.3499

■ 32.1725, 0.3585,
0.3401

■ 19.8303, 0.4524,
0.3541

■ 37.6126, 0.3366,
0.3352

■ 16.9457, 0.4927,
0.3568


■ 43.7597, 0.3186,
0.3306


■ 14.6218, 0.5346,
0.3573


■ 50.6379, 0.3037,
0.3264


■ 12.8212, 0.5739,
0.3548

■ 58.2702, 0.2913,
0.3225


 11.5020, 0.6054,
0.3491

 66.6786, 0.2811,
0.3189

 10.8900, 0.6210,
0.3452

 75.8844, 0.2725,
0.3157

 85.2584, 0.2700,
0.3232

 88.5655, 0.2706,
0.3289

Harmonies

Analogous

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



27.4124, 0.3646, 0.3147



27.4124, 0.3848, 0.3451



27.4124, 0.3841, 0.3736

Triad

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



27.4124, 0.3848, 0.3451



27.4124, 0.2927, 0.3749



27.4124, 0.2622, 0.2687

Complementary

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



27.4124, 0.3848, 0.3451



36.0943, 0.2635, 0.3121

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.



27.4124, 0.2456, 0.2801



27.4124, 0.3848, 0.3451



27.4124, 0.2624, 0.3412

Square

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



27.4124, 0.3848, 0.3451



27.4124, 0.3297, 0.3941



27.4124, 0.2456, 0.3059



27.4124, 0.2925, 0.2722

Rectangle

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



27.4124, 0.3848, 0.3451



27.4124, 0.3722, 0.3878



27.4124, 0.2456, 0.3059



27.4124, 0.2549, 0.2708

Sweetspot

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



27.4137, 0.3848, 0.3451



71.0900, 0.3298, 0.3336



26.1974, 0.3276, 0.2592



15.0446, 0.3324, 0.3342



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.



27.4137, 0.3848, 0.3451



43.8444, 0.4061, 0.3485



36.5610, 0.3711, 0.3861



8.7445, 0.3283, 0.3332



7.5810, 0.6191, 0.3466



0.3127, 0.5705, 0.3852

Inverse Universe

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



36.0943, 0.2635, 0.3121



61.6096, 0.2544, 0.3081



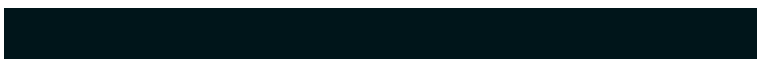
26.1899, 0.2574, 0.2642



9.3662, 0.2986, 0.3248



17.0846, 0.2087, 0.2713



0.6054, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 27.4124, 0.3848, 0.3451 looks on a white background.

Color Contrast Check

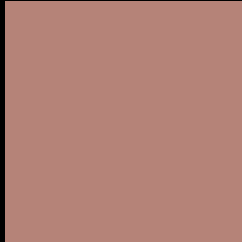
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4124, 0.3848, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

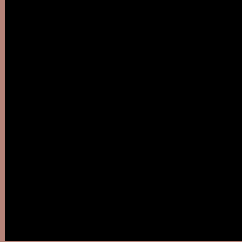
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4124, 0.3848, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 27.4124, 0.3848, 0.3451.



This preview shows how white text looks on a background with the Yxy color 27.4124, 0.3848, 0.3451.

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

27.4124, 0.3848, 0.3451

Protanopia

27.6353, 0.3376, 0.3566

Deuteranopia

27.6159, 0.3652, 0.3584



Tritanopia

27.3406, 0.3667, 0.3149

Trichromacy



Original Color

27.4124, 0.3848, 0.3451

Protanomaly

27.4975, 0.3535, 0.3526

Deuteranomaly

27.3178, 0.3724, 0.3533

Tritanomaly

27.2843, 0.3736, 0.3263

Monochromacy



Original Color

27.4124, 0.3848, 0.3451

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8028, 0.3368, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4124, 0.3848, 0.3451 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(181, 131, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 120)  
}
```

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(181, 131, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 120) }
```

Border

The CSS property to change the border of an element to Yxy 27.4124, 0.3848, 0.3451 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(181, 131, 120) }
```

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

```
.border{ border-color:rgb(181, 131, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 131, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 131, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 131, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 131,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4124, 0.3848, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 120) }
```

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

```
.background{ background-color: rgb(181,  
131, 120) }
```

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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