

Converting Colors

$Y_{xy}(10.1064, 0.4299, 0.3350)$

Have a look what the booklet for
Yxy(10.1064, 0.4299, 0.3350)
contains.

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Color

$\text{Yxy}(10.1128, 0.4309, 0.3351)$

Conversions

Conversions Part 1

Format	Color
Hex	844946
RGB	132, 73, 70
RGB Percent	52%, 29%, 27%
CMY	0.4824, 0.7137, 0.7255
CMYK	0.00, 0.45, 0.47, 0.48
HSL	3°, 31%, 40%
HSV	3°, 47%, 52%
XYZ	13.0039, 10.1128, 7.0618
YIQ	90.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

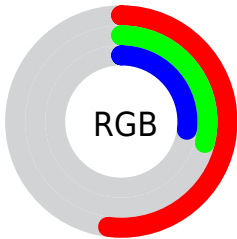
Format	Color
R_{YB}	132, 73, 70
Decimal	8669510
CIE Lab	38.04, 24.69, 12.82
CIE LCh	38, 27.824, 27.446
Yxy	10.1128, 0.4309, 0.3351
Android (android.graphics.Color)	4286859590 (0xFF844946)
YUV	90.2990, -10.0074, 36.5718
Hunter-Lab	31.8006, 17.3410, 9.0943

Details

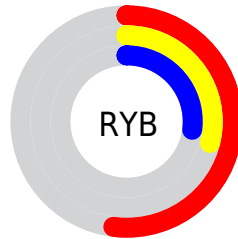
The Yxy color **10.1128, 0.4309, 0.3351** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18.6694, 0.2512, 0.3226**, and the grayscale version is **10.3123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0387, 0.3984, 0.3363**, and **2.5253, 0.4978, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **8.4772, 0.4714, 0.3361**, and if you desaturate by 10%, it is **12.1196, 0.3960, 0.3338**.

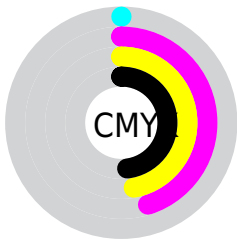
Distribution



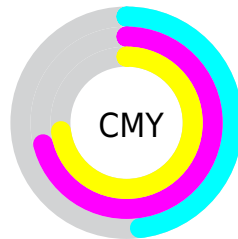
- Red (52%)
- Green (29%)
- Blue (27%)



- Red (52%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (47%)
- Black (48%)





- Cyan (48%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1128, 0.4309, 0.3351 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 10.1128, 0.4309, 0.3351 by changing the saturation by 10% instead.


 10.1128, 0.4309,
0.3351


 10.1128, 0.4309,
0.3351


191.4753, 0.3565,
0.3336


 5.4738, 0.4577,
0.3337

 26.0075, 0.3987,
0.3354


 2.5279, 0.4993,
0.3295

 38.0319, 0.3883,
0.3352


 0.8905, 0.6252,
0.3464

 53.2870, 0.3802,
0.3350

 0.0000, 1.0000,
0.0000

 72.1570, 0.3736,
0.3347

 0.0000, 0.0000,
0.0000

 95.0265, 0.3682,
0.3344

122.2798, 0.3636,

0.3341

154.3012, 0.3598,
0.3339

■ 10.1128, 0.4309,
0.3351

■ 10.1128, 0.4309,
0.3351

■ 8.4772, 0.4714,
0.3361

■ 12.1196, 0.3960,
0.3338

■ 7.1885, 0.5158,
0.3366

■ 14.5167, 0.3670,
0.3325

■ 6.2222, 0.5604,
0.3364


■ 17.3238, 0.3433,
0.3311


■ 5.5498, 0.5991,
0.3352

■ 20.5588, 0.3240,
0.3298

■ 5.1356, 0.6273,
0.3339


■ 24.2387, 0.3083,
0.3287

 5.0441, 0.6349,
0.3341

 28.3793, 0.2956,
0.3276

 32.9958, 0.2851,
0.3266

 38.1027, 0.2766,
0.3257

 43.7139, 0.2695,
0.3249

Harmonies

Analogous

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



10.1128, 0.3846, 0.2885



10.1128, 0.4309, 0.3351



10.1128, 0.4403, 0.3843

Triad

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



10.1128, 0.4309, 0.3351



10.1128, 0.2961, 0.4282



10.1128, 0.2166, 0.2316

Complementary

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



10.1128, 0.4309, 0.3351



18.6694, 0.2512, 0.3226

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.



10.1128, 0.1990, 0.2555



10.1128, 0.4309, 0.3351



10.1128, 0.2409, 0.3710

Square

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



10.1128, 0.4309, 0.3351



10.1128, 0.3589, 0.4476



10.1128, 0.2069, 0.3047



10.1128, 0.2584, 0.2315

Rectangle

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



10.1128, 0.4309, 0.3351



10.1128, 0.4252, 0.4143



10.1128, 0.2069, 0.3047



10.1128, 0.2080, 0.2368

Sweetspot

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



10.1133, 0.4309, 0.3351



31.9528, 0.3377, 0.3308



10.8965, 0.3211, 0.2224



7.2015, 0.3416, 0.3310



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



10.1133, 0.4309, 0.3351



14.8596, 0.4726, 0.3361



15.0621, 0.4028, 0.3920



4.7222, 0.3278, 0.3301



4.8863, 0.6348, 0.3342



0.0191, 0.6122, 0.3521

Inverse Universe

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



18.6694, 0.2512, 0.3226



31.7913, 0.2416, 0.3210



11.8799, 0.2394, 0.2551



5.2413, 0.2992, 0.3279



15.9687, 0.2206, 0.3143



0.0583, 0.2228, 0.3221

Previews

White Background



This preview shows how the Yxy color 10.1128, 0.4309, 0.3351 looks on a white background.

Color Contrast Check

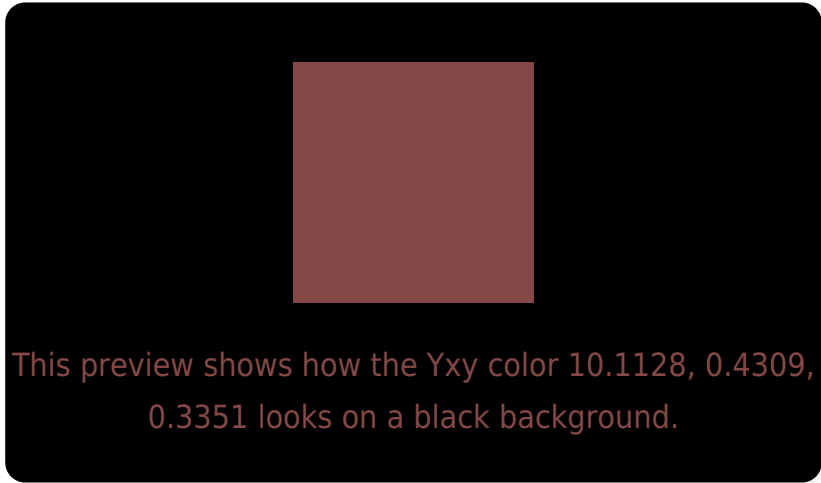
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

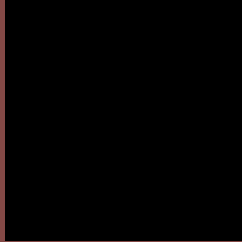
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1128, 0.4309, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 10.1128, 0.4309, 0.3351.



This preview shows how white text looks on a background with the Yxy color 10.1128, 0.4309, 0.3351.

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

10.1128, 0.4309, 0.3351

Protanopia

10.2421, 0.3377, 0.3585

Deuteranopia

10.1371, 0.3774, 0.3709



Tritanopia

10.1571, 0.4196, 0.3197

Trichromacy



Original Color

10.1128, 0.4309, 0.3351

Protanomaly

10.0368, 0.3703, 0.3498

Deuteranomaly

9.9594, 0.3958, 0.3555

Tritanomaly

10.1157, 0.4256, 0.3255

Monochromacy



Original Color

10.1128, 0.4309, 0.3351

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9684, 0.3510, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1128, 0.4309, 0.3351 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(132, 73, 70)` looks like.

```
.text, #text, p{  
    color:rgb(132, 73, 70)  
}
```

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(132, 73, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 73, 70) }
```

Border

The CSS property to change the border of an element to Yxy 10.1128, 0.4309, 0.3351 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(132, 73, 70) }
```

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

```
.border{ border-color:rgb(132, 73, 70) }
```

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

Here you see how a box with a 4 pixel rgb(132, 73, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 73, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 73, 70);  
box-shadow:4px 4px 4px 4px rgb(132, 73,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1128, 0.4309, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 73, 70) }
```

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

```
.background{ background-color: rgb(132, 73,  
70) }
```

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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