

Converting Colors

$Y_{xy}(27.2128, 0.3725, 0.4343)$

Have a look what the booklet for
Yxy(27.2128, 0.3725, 0.4343)
contains.

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Color

Yxy(27.1116, 0.3726, 0.4328)

Conversions

Conversions Part 1

Format	Color
Hex	909253
RGB	144, 146, 83
RGB Percent	56%, 57%, 33%
CMY	0.4354, 0.4274, 0.6744
CMYK	0.01, 0.00, 0.43, 0.43
HSL	62°, 28%, 45%
HSV	62°, 43%, 57%
XYZ	23.3405, 27.1116, 12.1902
YIQ	138.2200, 19.0310, -20.0170

Conversions

Conversions Part 2

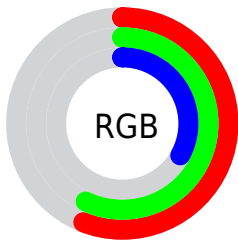
Format	Color
R_{YB}	83, 146, 85
Decimal	9474643
CIE Lab	59.08, -10.50, 33.05
CIE LCh	59, 34.679, 107.628
Yxy	27.1116, 0.3726, 0.4328
Android (android.graphics.Color)	4287664723 (0xFF909253)
YUV	138.2200, -27.2235, 5.0691
Hunter-Lab	52.0688, -11.1054, 22.5674

Details

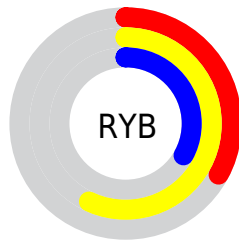
The Yxy color **27.1116, 0.3726, 0.4328** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.1984, 0.2371, 0.2009**, and the grayscale version is **25.6051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1719, 0.3611, 0.4107**, and **10.7684, 0.3883, 0.4690** is the 20% darker color. If you saturate the color by 10%, you get **26.8684, 0.3847, 0.4543**, and if you desaturate by 10%, it is **27.4050, 0.3593, 0.4094**.

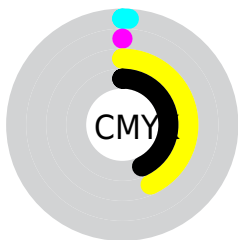
Distribution



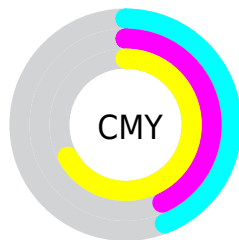
- Red (56%)
- Green (57%)
- Blue (33%)



- Red (33%)
- Yellow (57%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1116, 0.3726, 0.4328 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 27.1116, 0.3726, 0.4328 by changing the saturation by 10% instead.


 27.1116, 0.3726,
0.4328


 27.1116, 0.3726,
0.4328


288.1971, 0.3416,
0.3758


 17.6571, 0.3801,
0.4484


 55.0629, 0.3613,
0.4110


 10.7041, 0.3893,
0.4691


 74.3284, 0.3571,
0.4031

 5.8682, 0.4000,
0.4972

 97.6331, 0.3535,
0.3966

 2.7651, 0.4337,
0.5663

 125.3613, 0.3504,
0.3911

 1.0104, 0.4089,
0.5911

 157.8974, 0.3478,
0.3864

 0.0000, 0.0000,
0.0000

195.6258, 0.3454,

0.3824

238.9309, 0.3434,
0.3789

■ 27.1116, 0.3726,
0.4328

■ 27.1116, 0.3726,
0.4328

■ 26.8684, 0.3847,
0.4543

■ 27.4050, 0.3593,
0.4094

■ 26.6686, 0.3951,
0.4730

■ 27.7475, 0.3452,
0.3850

■ 26.5101, 0.4033,
0.4881

■ 28.1430, 0.3310,
0.3605

■ 26.3892, 0.4091,
0.4992

■ 28.5939, 0.3170,
0.3364

■ 26.3012, 0.4124,
0.5061

■ 29.1023, 0.3035,
0.3133

■ 26.2509, 0.4139,
0.5096

■ 29.6703, 0.2908,
0.2915

■ 30.2999, 0.2789,
0.2713

■ 30.9932, 0.2679,
0.2527

■ 31.7517, 0.2578,
0.2358

Harmonies

Analogous

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



27.1116, 0.4143, 0.4072



27.1116, 0.3726, 0.4328



27.1116, 0.3170, 0.4271

Triad

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



27.1116, 0.3726, 0.4328



27.1116, 0.2091, 0.2754



27.1116, 0.3590, 0.2802

Complementary

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



27.1116, 0.3726, 0.4328



10.1984, 0.2371, 0.2009

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.



27.1116, 0.2997, 0.2509



27.1116, 0.3726, 0.4328



27.1116, 0.2176, 0.2455

Square

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



27.1116, 0.3726, 0.4328



27.1116, 0.2245, 0.3264



27.1116, 0.2491, 0.2381



27.1116, 0.4082, 0.3208

Rectangle

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



27.1116, 0.3726, 0.4328



27.1116, 0.2798, 0.4027



27.1116, 0.2491, 0.2381



27.1116, 0.3393, 0.2689

Sweetspot

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



27.1128, 0.3726, 0.4328



49.6330, 0.3312, 0.3608



13.0880, 0.4199, 0.3312



11.0086, 0.3340, 0.3657



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.1128, 0.3726, 0.4328



47.3972, 0.3846, 0.4541



24.7264, 0.3377, 0.4462



6.7353, 0.3255, 0.3509



23.1004, 0.4139, 0.5096



0.2851, 0.4168, 0.5073

Inverse Universe

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



10.1984, 0.2371, 0.2009



13.4362, 0.2166, 0.1668



11.9483, 0.2752, 0.2131



5.6413, 0.2994, 0.3062



1.8548, 0.1514, 0.0608



0.0245, 0.1583, 0.0646

Previews

White Background



This preview shows how the Yxy color 27.1116, 0.3726, 0.4328 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 27.1116, 0.3726, 0.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

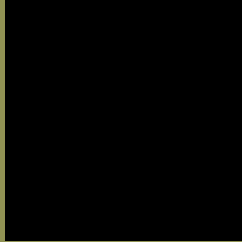
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1116, 0.3726, 0.4328

Background



This preview shows how black text looks on a background with the Yxy color 27.1116, 0.3726, 0.4328.



This preview shows how white text looks on a background with the Yxy color 27.1116, 0.3726, 0.4328.

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

27.1116, 0.3726, 0.4328

Protanopia

27.0231, 0.3903, 0.4235

Deuteranopia

27.0349, 0.4107, 0.4044



Tritanopia

26.9262, 0.3157, 0.3117

Trichromacy



Original Color

27.1116, 0.3726, 0.4328

Protanomaly

26.9295, 0.3849, 0.4266

Deuteranomaly

27.0776, 0.3969, 0.4153

Tritanomaly

26.8263, 0.3369, 0.3553

Monochromacy



Original Color

27.1116, 0.3726, 0.4328

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9332, 0.3352, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1116, 0.3726, 0.4328 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(144, 146, 83)` looks like.

```
.text, #text, p{  
    color:rgb(144, 146, 83)  
}
```

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(144, 146, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 146, 83) }
```

Border

The CSS property to change the border of an element to Yxy 27.1116, 0.3726, 0.4328 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(144, 146, 83) }
```

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

```
.border{ border-color:rgb(144, 146, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 146, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 146, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 146, 83);  
box-shadow:4px 4px 4px 4px rgb(144, 146,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1116, 0.3726, 0.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 146, 83) }
```

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

```
.background{ background-color: rgb(144,  
146, 83) }
```

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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