

Converting Colors

$Y_{xy}(27.6266, 0.3825, 0.4307)$

Have a look what the booklet for
Yxy(27.6266, 0.3825, 0.4307)
contains.

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Color

Yxy(27.7463, 0.3817, 0.4311)

Conversions

Conversions Part 1

Format	Color
Hex	979252
RGB	151, 146, 82
RGB Percent	59%, 57%, 32%
CMY	0.4078, 0.4275, 0.6783
CMYK	0.00, 0.03, 0.46, 0.41
HSL	56°, 30%, 46%
HSV	56°, 46%, 59%
XYZ	24.5668, 27.7463, 12.0485
YIQ	140.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

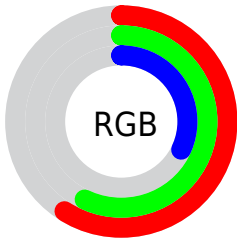
Format	Color
R_{YB}	87, 151, 82
Decimal	9933394
CIE _{Lab}	59.66, -7.62, 34.43
CIE _{LCh}	60, 35.261, 102.476
Yxy	27.7463, 0.3817, 0.4311
Android (android.graphics.Color)	4288123474 (0xFF979252)
YUV	140.1990, -28.6921, 9.4725
Hunter-Lab	52.6748, -8.9307, 23.3107

Details

The Yxy color **27.7463, 0.3817, 0.4311** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.8527, 0.2309, 0.2008**, and the grayscale version is **26.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1238, 0.3679, 0.4102**, and **11.0779, 0.4006, 0.4667** is the 20% darker color. If you saturate the color by 10%, you get **27.2056, 0.3956, 0.4506**, and if you desaturate by 10%, it is **28.3434, 0.3668, 0.4096**.

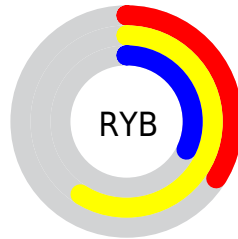
Distribution



Red (59%)

Green (57%)

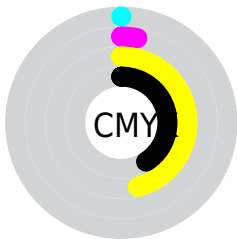
Blue (32%)



Red (34%)

Yellow (59%)

Blue (32%)

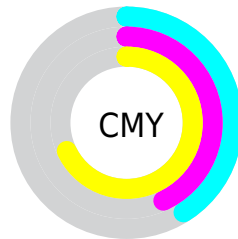


Cyan (0%)

Magenta (3%)

Yellow (46%)

Black (41%)



Cyan (41%)


Magenta (43%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7463, 0.3817, 0.4311 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 27.7463, 0.3817, 0.4311 by changing the saturation by 10% instead.


 27.7463, 0.3817,
0.4311


 27.7463, 0.3817,
0.4311


291.2526, 0.3459,
0.3758


 18.1345, 0.3905,
0.4459


 56.0791, 0.3686,
0.4101


 11.0466, 0.4013,
0.4651


 75.5690, 0.3637,
0.4025

 6.0982, 0.4142,
0.4906

 99.1203, 0.3595,
0.3962

 2.9049, 0.4494,
0.5506

 127.1175, 0.3560,
0.3908

 1.0823, 0.4341,
0.5659

 159.9449, 0.3529,
0.3862

 0.0000, 0.0000,
0.0000

197.9870, 0.3503,

0.3823

241.6281, 0.3479,
0.3788

■ 27.7463, 0.3817,
0.4311

■ 27.7463, 0.3817,
0.4311

■ 27.2056, 0.3956,
0.4506

■ 28.3434, 0.3668,
0.4096

■ 26.7141, 0.4078,
0.4671

■ 28.9961, 0.3513,
0.3870

■ 26.2694, 0.4179,
0.4799

■ 29.7086, 0.3359,
0.3641

■ 25.8670, 0.4255,
0.4887


■ 30.4834, 0.3209,
0.3415


■ 25.5010, 0.4305,
0.4933


■ 31.3230, 0.3067,
0.3197

 25.3479, 0.4324,
0.4949

 32.2297, 0.2933,
0.2992

 33.2058, 0.2809,
0.2800

 34.2533, 0.2696,
0.2622

 35.3743, 0.2592,
0.2460

Harmonies

Analogous

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



27.7463, 0.4200, 0.4014



27.7463, 0.3817, 0.4311



27.7463, 0.3269, 0.4318

Triad

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



27.7463, 0.3817, 0.4311



27.7463, 0.2092, 0.2824



27.7463, 0.3493, 0.2738

Complementary

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



27.7463, 0.3817, 0.4311



10.8527, 0.2309, 0.2008

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.



27.7463, 0.2897, 0.2467



27.7463, 0.3817, 0.4311



27.7463, 0.2137, 0.2483

Square

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



27.7463, 0.3817, 0.4311



27.7463, 0.2289, 0.3366



27.7463, 0.2415, 0.2371



27.7463, 0.4022, 0.3131

Rectangle

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



27.7463, 0.3817, 0.4311



27.7463, 0.2888, 0.4112



27.7463, 0.2415, 0.2371



27.7463, 0.3291, 0.2631

Sweetspot

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



27.7476, 0.3817, 0.4311



53.3828, 0.3338, 0.3609



13.3200, 0.4207, 0.3195



12.0724, 0.3368, 0.3654



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.7476, 0.3817, 0.4311



48.6748, 0.3961, 0.4513



26.9039, 0.3463, 0.4510



7.1461, 0.3262, 0.3494



21.5780, 0.4323, 0.4949



0.3424, 0.4259, 0.5000

Inverse Universe

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



10.8527, 0.2309, 0.2008



14.4969, 0.2099, 0.1666



11.6381, 0.2632, 0.2024



6.0949, 0.2988, 0.3077



2.1221, 0.1517, 0.0662



0.0485, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 27.7463, 0.3817, 0.4311 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 27.7463, 0.3817, 0.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

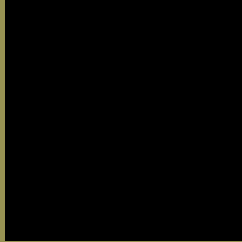
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7463, 0.3817, 0.4311

Background



This preview shows how black text looks on a background with the Yxy color 27.7463, 0.3817, 0.4311.



This preview shows how white text looks on a background with the Yxy color 27.7463, 0.3817, 0.4311.

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

27.7463, 0.3817, 0.4311

Protanopia

27.8097, 0.3922, 0.4267

Deuteranopia

27.6454, 0.4144, 0.4059



Tritanopia

27.6160, 0.3234, 0.3121

Trichromacy



Original Color

27.7463, 0.3817, 0.4311

Protanomaly

27.8134, 0.3880, 0.4294

Deuteranomaly

27.4877, 0.4026, 0.4150

Tritanomaly

27.4990, 0.3449, 0.3546

Monochromacy



Original Color

27.7463, 0.3817, 0.4311

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6072, 0.3384, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7463, 0.3817, 0.4311 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(151, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 82)  
}
```

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(151, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 82) }
```

Border

The CSS property to change the border of an element to Yxy 27.7463, 0.3817, 0.4311 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(151, 146, 82) }
```

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

```
.border{ border-color:rgb(151, 146, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7463, 0.3817, 0.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 82) }
```

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

```
.background{ background-color: rgb(151,  
146, 82) }
```

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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