

Converting Colors

$Y_{xy}(26.2953, 0.3956, 0.4417)$

Have a look what the booklet for
Yxy(26.2953, 0.3956, 0.4417)
contains.

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Color

Yxy(26.3675, 0.3953, 0.4428)

Conversions

Conversions Part 1

Format	Color
Hex	978E46
RGB	151, 142, 70
RGB Percent	59%, 56%, 27%
CMY	0.4079, 0.4431, 0.7255
CMYK	0.00, 0.06, 0.54, 0.41
HSL	53°, 37%, 43%
HSV	53°, 54%, 59%
XYZ	23.5390, 26.3675, 9.6407
YIQ	136.4830, 28.4760, -20.4840

Conversions

Conversions Part 2

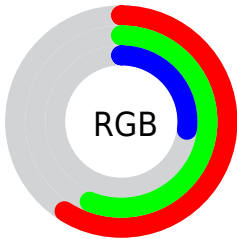
Format	Color
R_{YB}	80, 151, 70
Decimal	9932358
CIE _{Lab}	58.38, -6.63, 39.11
CIE _{LCh}	58, 39.665, 99.620
Yxy	26.3675, 0.3953, 0.4428
Android (android.graphics.Color)	4288122438 (0xFF978E46)
YUV	136.4830, -32.7761, 12.7314
Hunter-Lab	51.3493, -8.0352, 24.8130

Details

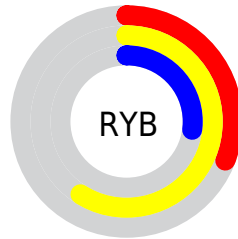
The Yxy color **26.3675, 0.3953, 0.4428** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.1228, 0.2160, 0.1807**, and the grayscale version is **24.9285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1013, 0.3800, 0.4207**, and **10.3051, 0.4180, 0.4787** is the 20% darker color. If you saturate the color by 10%, you get **25.7071, 0.4089, 0.4596**, and if you desaturate by 10%, it is **27.0858, 0.3803, 0.4234**.

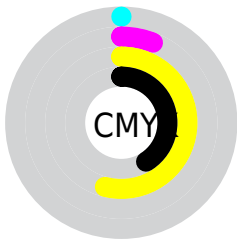
Distribution



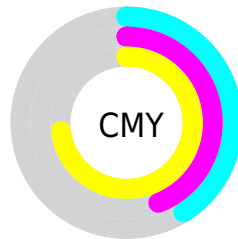
- Red (59%)
- Green (56%)
- Blue (27%)



- Red (31%)
- Yellow (59%)
- Blue (27%)



- Cyan (0%)
- Magenta (6%)
- Yellow (54%)
- Black (41%)





- Cyan (41%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3675, 0.3953, 0.4428 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 26.3675, 0.3953, 0.4428 by changing the saturation by 10% instead.


 26.3675, 0.3953,
0.4428


 26.3675, 0.3953,
0.4428


284.5815, 0.3525,
0.3815


 17.0988, 0.4055,
0.4587


 53.8672, 0.3798,
0.4198


 10.3049, 0.4177,
0.4790


 72.8670, 0.3739,
0.4113


 5.6016, 0.4323,
0.5056

 95.8793, 0.3689,
0.4043

 2.6044, 0.4531,
0.5469

 123.2884, 0.3647,
0.3983

 0.9289, 0.4368,
0.5632

 155.4788, 0.3610,
0.3932

 0.0000, 0.0000,
0.0000

192.8348, 0.3578,

0.3887

235.7409, 0.3550,
0.3849

■ 26.3675, 0.3953,
0.4428

■ 26.3675, 0.3953,
0.4428

■ 25.7071, 0.4089,
0.4596

■ 27.0858, 0.3803,
0.4234

■ 25.0971, 0.4206,
0.4728

■ 27.8617, 0.3646,
0.4023

■ 24.5346, 0.4298,
0.4821

■ 28.6993, 0.3486,
0.3803

■ 24.0146, 0.4364,
0.4870

■ 29.6014, 0.3330,
0.3582

■ 23.6975, 0.4399,
0.4889

■ 30.5708, 0.3180,
0.3367

■ 31.6098, 0.3038,
0.3160

■ 32.7207, 0.2907,
0.2966

■ 33.9057, 0.2787,
0.2785

■ 35.1670, 0.2677,
0.2618

Harmonies

Analogous

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



26.3675, 0.4370, 0.4051



26.3675, 0.3953, 0.4428



26.3675, 0.3340, 0.4496

Triad

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



26.3675, 0.3953, 0.4428



26.3675, 0.1970, 0.2799



26.3675, 0.3475, 0.2631

Complementary

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



26.3675, 0.3953, 0.4428



9.1228, 0.2160, 0.1807

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.



26.3675, 0.2801, 0.2347



26.3675, 0.3953, 0.4428



26.3675, 0.1997, 0.2398

Square

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



26.3675, 0.3953, 0.4428



26.3675, 0.2211, 0.3437



26.3675, 0.2281, 0.2257



26.3675, 0.4104, 0.3057

Rectangle

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



26.3675, 0.3953, 0.4428



26.3675, 0.2906, 0.4290



26.3675, 0.2281, 0.2257



26.3675, 0.3244, 0.2517

Sweetspot

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



26.3687, 0.3953, 0.4428



52.5782, 0.3371, 0.3641



11.5278, 0.4457, 0.3137



11.8807, 0.3400, 0.3682



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.



26.3687, 0.3953, 0.4428



45.8615, 0.4110, 0.4620



26.5600, 0.3534, 0.4715



7.1059, 0.3263, 0.3486



20.1891, 0.4397, 0.4890



0.3308, 0.4296, 0.4971

Inverse Universe

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



9.1228, 0.2160, 0.1807



11.7661, 0.1940, 0.1445



9.3816, 0.2484, 0.1773



6.1312, 0.2988, 0.3086



2.2582, 0.1528, 0.0700



0.0591, 0.1646, 0.1126

Previews

White Background



This preview shows how the Yxy color 26.3675, 0.3953, 0.4428 looks on a white background.

Color Contrast Check

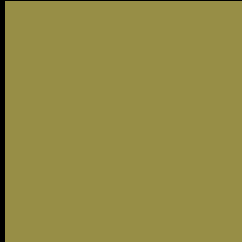
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3675, 0.3953, 0.4428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

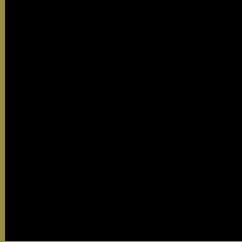
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3675, 0.3953, 0.4428

Background



This preview shows how black text looks on a background with the Yxy color 26.3675, 0.3953, 0.4428.



This preview shows how white text looks on a background with the Yxy color 26.3675, 0.3953, 0.4428.

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

26.3675, 0.3953, 0.4428

Protanopia

26.4605, 0.4009, 0.4393

Deuteranopia

26.2887, 0.4253, 0.4186



Tritanopia

26.3329, 0.3293, 0.3135

Trichromacy



Original Color

26.3675, 0.3953, 0.4428

Protanomaly

26.3620, 0.3997, 0.4398

Deuteranomaly

26.2388, 0.4141, 0.4279

Tritanomaly

26.1442, 0.3549, 0.3614

Monochromacy



Original Color

26.3675, 0.3953, 0.4428

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0095, 0.3435, 0.3735

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3675, 0.3953, 0.4428 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, 142, 70)` looks like.

```
.text, #text, p{  
  color:rgb(151, 142, 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(151, 142, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 70) }
```

Border

The CSS property to change the border of an element to Yxy 26.3675, 0.3953, 0.4428 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, 142, 70) }
```

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

```
.border{ border-color:rgb(151, 142, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 70);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3675, 0.3953, 0.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 70) }
```

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

```
.background{ background-color: rgb(151,  
142, 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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