

Converting Colors

$Y_{xy}(28.5622, 0.3533, 0.3961)$

Have a look what the booklet for
Yxy(28.5622, 0.3533, 0.3961)
contains.

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Color

Yxy(28.5372, 0.3532, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	94946B
RGB	148, 148, 107
RGB Percent	58%, 58%, 42%
CMY	0.4197, 0.4196, 0.5804
CMYK	0.00, 0.00, 0.28, 0.42
HSL	60°, 16%, 50%
HSV	60°, 28%, 58%
XYZ	25.4529, 28.5372, 18.0736
YIQ	143.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

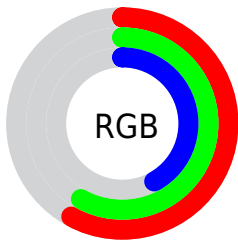
Format	Color
R_{YB}	107, 148, 107
Decimal	9737323
CIE Lab	60.37, -6.90, 21.76
CIE LCh	60, 22.828, 107.602
Yxy	28.5372, 0.3532, 0.3960
Android (android.graphics.Color)	4287927403 (0xFF94946B)
YUV	143.3260, -17.9087, 4.0991
Hunter-Lab	53.4202, -8.4363, 17.3347

Details

The Yxy color $28.5372, 0.3532, 0.3960$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.7792, 0.2661, 0.2519$, and the grayscale version is $27.6734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4408, 0.3453, 0.3814$, and $11.4065, 0.3672, 0.4192$ is the 20% darker color. If you saturate the color by 10%, you get $28.2520, 0.3675, 0.4197$, and if you desaturate by 10%, it is $28.8783, 0.3385, 0.3716$.

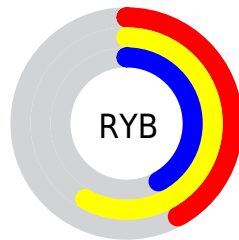
Distribution



Red (58%)

Green (58%)

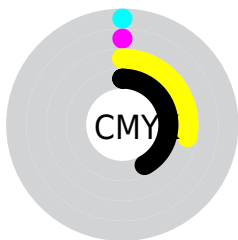
Blue (42%)



Red (42%)

Yellow (58%)

Blue (42%)

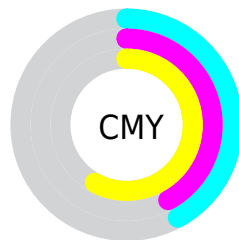


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (42%)


Magenta (42%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5372, 0.3532, 0.3960 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 28.5372, 0.3532, 0.3960 by changing the saturation by 10% instead.


 28.5372, 0.3532,
0.3960


 28.5372, 0.3532,
0.3960


295.0250, 0.3318,
0.3594

 18.7310, 0.3588,
0.4062


 57.3410, 0.3452,
0.3819


 11.4761, 0.3662,
0.4200


 77.1073, 0.3422,
0.3768

 6.3880, 0.3759,
0.4395


 100.9625, 0.3398,
0.3727

 3.0824, 0.3892,
0.4687

 129.2910, 0.3377,
0.3692

 1.1749, 0.4406,
0.5594

162.4771, 0.3359,
0.3662

 0.0411, 0.0000,
1.0000

200.9052, 0.3344,

 0.0000, 0.0000,

0.3636

0.0000

244.9597, 0.3330,
0.3613

■ 28.5372, 0.3532,
0.3960

■ 28.5372, 0.3532,
0.3960

■ 28.2520, 0.3675,
0.4197

■ 28.8783, 0.3385,
0.3716

■ 28.0161, 0.3809,
0.4419

■ 29.2739, 0.3238,
0.3473

■ 27.8280, 0.3929,
0.4617

■ 29.7278, 0.3095,
0.3237

■ 27.6841, 0.4028,
0.4782

■ 30.2421, 0.2959,
0.3012

■ 27.5811, 0.4105,
0.4909

■ 30.8190, 0.2832,
0.2802

■ 27.5145, 0.4156,
0.4994

■ 31.4604, 0.2715,
0.2607

■ 27.4765, 0.4186,
0.5044

■ 32.1683, 0.2607,
0.2429

■ 27.4688, 0.4192,
0.5054

■ 32.9445, 0.2508,
0.2266

■ 33.7908, 0.2419,
0.2119

Harmonies

Analogous

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



28.5372, 0.3796, 0.3820



28.5372, 0.3532, 0.3960



28.5372, 0.3169, 0.3904

Triad

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



28.5372, 0.3532, 0.3960



28.5372, 0.2431, 0.2953



28.5372, 0.3431, 0.2966

Complementary

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



28.5372, 0.3532, 0.3960



15.7792, 0.2661, 0.2519

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.



28.5372, 0.3049, 0.2762



28.5372, 0.3532, 0.3960



28.5372, 0.2490, 0.2740

Square

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



28.5372, 0.3532, 0.3960



28.5372, 0.2544, 0.3286



28.5372, 0.2709, 0.2678



28.5372, 0.3742, 0.3249

Rectangle

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



28.5372, 0.3532, 0.3960



28.5372, 0.2922, 0.3751



28.5372, 0.2709, 0.2678



28.5372, 0.3306, 0.2886

Sweetspot

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



28.5385, 0.3532, 0.3960



51.6105, 0.3244, 0.3484



17.8717, 0.3707, 0.3292



11.7579, 0.3265, 0.3518



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.5385, 0.3532, 0.3960



50.0348, 0.3618, 0.4102



26.7953, 0.3305, 0.4012



6.7444, 0.3259, 0.3509



23.4589, 0.4192, 0.5054



0.2872, 0.4193, 0.5053

Inverse Universe

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



15.7792, 0.2661, 0.2519



23.8508, 0.2543, 0.2324



17.2024, 0.2902, 0.2569



5.6332, 0.2989, 0.3061



1.8270, 0.1501, 0.0600



0.0224, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 28.5372, 0.3532, 0.3960 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 28.5372, 0.3532, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

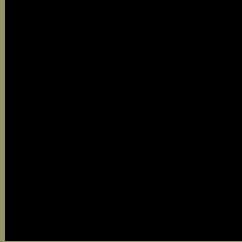
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

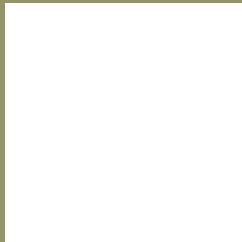
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.5372, 0.3532, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 28.5372, 0.3532, 0.3960.



This preview shows how white text looks on a background with the Yxy color 28.5372, 0.3532, 0.3960.

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

28.5372, 0.3532, 0.3960

Protanopia

28.3593, 0.3646, 0.3911

Deuteranopia

28.3400, 0.3829, 0.3741



Tritanopia

28.5159, 0.3146, 0.3120

Trichromacy



Original Color

28.5372, 0.3532, 0.3960

Protanomaly

28.3707, 0.3607, 0.3933

Deuteranomaly

28.2152, 0.3720, 0.3819

Tritanomaly

28.3995, 0.3293, 0.3418

Monochromacy



Original Color

28.5372, 0.3532, 0.3960

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8822, 0.3276, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5372, 0.3532, 0.3960 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(148, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 107)  
}
```

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(148, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.5372, 0.3532, 0.3960 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(148, 148, 107) }
```

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

```
.border{ border-color:rgb(148, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5372, 0.3532, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 107) }
```

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

```
.background{ background-color: rgb(148,  
148, 107) }
```

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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