

Converting Colors

$Y_{xy}(18.1158, 0.3730, 0.3524)$

Have a look what the booklet for
Yxy(18.1158, 0.3730, 0.3524)
contains.

Yxy(18.0015, 0.3729, 0.3525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(18.0015, 0.3729, 0.3525)$

Conversions

Conversions Part 1

Format	Color
Hex	8E6F62
RGB	142, 111, 98
RGB Percent	56%, 44%, 38%
CMY	0.4432, 0.5647, 0.6157
CMYK	0.00, 0.22, 0.31, 0.44
HSL	18°, 18%, 47%
HSV	18°, 31%, 56%
XYZ	19.0433, 18.0015, 14.0233
YIQ	118.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

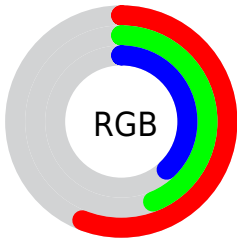
Format	Color
R_{YB}	142, 116, 98
Decimal	9334626
CIE _{Lab}	49.50, 10.26, 11.93
CIE _{LCh}	49, 15.730, 49.304
Yxy	18.0015, 0.3729, 0.3525
Android (android.graphics.Color)	4287524706 (0xFF8E6F62)
YUV	118.7870, -10.2480, 20.3578
Hunter-Lab	42.4282, 5.8679, 10.1033

Details

The Yxy color **18.0015, 0.3729, 0.3525** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2435, 0.2669, 0.3041**, and the grayscale version is **18.4047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1001, 0.3578, 0.3475**, and **6.0271, 0.3996, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **15.6960, 0.3995, 0.3604**, and if you desaturate by 10%, it is **20.6006, 0.3500, 0.3446**.

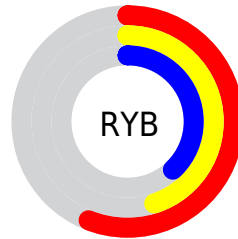
Distribution



Red (56%)

Green (44%)

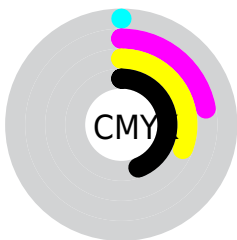
Blue (38%)



Red (56%)

Yellow (45%)

Blue (38%)

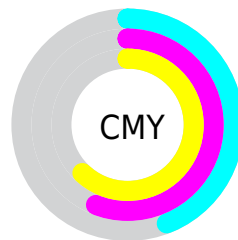


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (44%)



Cyan (44%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0015, 0.3729, 0.3525 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 18.0015, 0.3729, 0.3525 by changing the saturation by 10% instead.


 18.0015, 0.3729,
0.3525


 18.0015, 0.3729,
0.3525


240.8795, 0.3378,
0.3396


 10.9511, 0.3839,
0.3561


 40.0399, 0.3587,
0.3475


 6.0339, 0.3996,
0.3608

 55.7966, 0.3538,
0.3458

 2.8657, 0.4241,
0.3672

 75.2242, 0.3499,
0.3443

 1.0620, 0.4900,
0.3945

 98.7071, 0.3466,
0.3430

 0.0000, 1.0000,
0.0000

126.6297, 0.3439,
0.3420

 0.0000, 0.0000,
0.0000

159.3764, 0.3416,

0.3411

197.3315, 0.3396,
0.3403

■ 18.0015, 0.3729,
0.3525

■ 18.0015, 0.3729,
0.3525

■ 15.6960, 0.3995,
0.3604

■ 20.6006, 0.3500,
0.3446

■ 13.6710, 0.4300,
0.3677

■ 23.5007, 0.3306,
0.3369

■ 11.9162, 0.4639,
0.3736

■ 26.7121, 0.3142,
0.3297

■ 10.4196, 0.4999,
0.3771

■ 30.2440, 0.3003,
0.3230

■ 9.1681, 0.5357,
0.3771

■ 34.1049, 0.2886,
0.3168

■ 8.1476, 0.5680,
0.3729

■ 38.3033, 0.2786,
0.3112

■ 7.4066, 0.5936,
0.3669

■ 42.8472, 0.2700,
0.3061

■ 47.7443, 0.2627,
0.3014

■ 53.0022, 0.2564,
0.2972

Harmonies

Analogous

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



18.0015, 0.3630, 0.3275



18.0015, 0.3729, 0.3525



18.0015, 0.3657, 0.3731

Triad

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



18.0015, 0.3729, 0.3525



18.0015, 0.2857, 0.3560



18.0015, 0.2803, 0.2792

Complementary

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



18.0015, 0.3729, 0.3525



20.2435, 0.2669, 0.3041

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.



18.0015, 0.2616, 0.2840



18.0015, 0.3729, 0.3525



18.0015, 0.2646, 0.3274

Square

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



18.0015, 0.3729, 0.3525



18.0015, 0.3147, 0.3769



18.0015, 0.2560, 0.3010



18.0015, 0.3084, 0.2866

Rectangle

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



18.0015, 0.3729, 0.3525



18.0015, 0.3526, 0.3811



18.0015, 0.2560, 0.3010



18.0015, 0.2728, 0.2794

Sweetspot

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



18.0023, 0.3729, 0.3525



42.4252, 0.3275, 0.3356



16.0827, 0.3329, 0.2743



9.3178, 0.3297, 0.3365



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



18.0023, 0.3729, 0.3525



28.9360, 0.3905, 0.3579



23.2597, 0.3622, 0.3887



5.6680, 0.3274, 0.3356



6.6795, 0.5928, 0.3675



0.0985, 0.5198, 0.4255

Inverse Universe

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



20.2435, 0.2669, 0.3041



33.5082, 0.2573, 0.2978



15.1739, 0.2621, 0.2611



5.8506, 0.2990, 0.3223



9.9687, 0.1979, 0.2323



0.1337, 0.2117, 0.2819

Previews

White Background



This preview shows how the Yxy color 18.0015, 0.3729, 0.3525 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



This preview shows how the Yxy color 18.0015, 0.3729, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

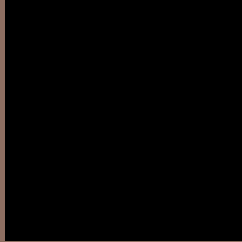
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0015, 0.3729, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 18.0015, 0.3729, 0.3525.



This preview shows how white text looks on a background with the Yxy color 18.0015, 0.3729, 0.3525.

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

18.0015, 0.3729, 0.3525

Protanopia

18.1815, 0.3412, 0.3619

Deuteranopia

17.9263, 0.3635, 0.3568



Tritanopia

17.9388, 0.3507, 0.3134

Trichromacy



Original Color

18.0015, 0.3729, 0.3525

Protanomaly

18.0069, 0.3530, 0.3573

Deuteranomaly

17.8735, 0.3668, 0.3547

Tritanomaly

17.9027, 0.3586, 0.3274

Monochromacy



Original Color

18.0015, 0.3729, 0.3525

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1505, 0.3332, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0015, 0.3729, 0.3525 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(142, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 98)  
}
```

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(142, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 98) }
```

Border

The CSS property to change the border of an element to Yxy 18.0015, 0.3729, 0.3525 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(142, 111, 98) }
```

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

```
.border{ border-color:rgb(142, 111, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 111, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 111,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0015, 0.3729, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 111, 98) }
```

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

```
.background{ background-color: rgb(142,  
111, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor