

Converting Colors

$Y_{xy}(18.0531, 0.3658, 0.3469)$

Have a look what the booklet for
Yxy(18.0531, 0.3658, 0.3469)
contains.

Yxy(17.9909, 0.3660, 0.3453)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.9909, 0.3660, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	8D6F66
RGB	141, 111, 102
RGB Percent	55%, 44%, 40%
CMY	0.4470, 0.5647, 0.5999
CMYK	0.00, 0.21, 0.28, 0.45
HSL	14°, 16%, 48%
HSV	14°, 28%, 55%
XYZ	19.0694, 17.9909, 15.0419
YIQ	118.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

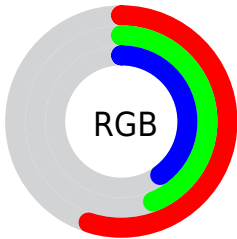
Format	Color
R_{YB}	141, 114, 102
Decimal	9269094
CIE Lab	49.49, 10.45, 9.52
CIE LCh	49, 14.130, 42.331
Yxy	17.9909, 0.3660, 0.3453
Android (android.graphics.Color)	4287459174 (0xFF8D6F66)
YUV	118.9440, -8.3534, 19.3431
Hunter-Lab	42.4157, 6.0233, 8.6649

Details

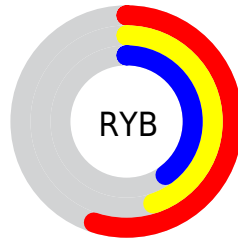
The Yxy color **17.9909, 0.3660, 0.3453** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2604, 0.2722, 0.3120**, and the grayscale version is **18.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0964, 0.3530, 0.3423**, and **6.0045, 0.3906, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **15.5089, 0.3925, 0.3515**, and if you desaturate by 10%, it is **20.8100, 0.3437, 0.3391**.

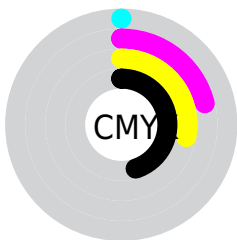
Distribution



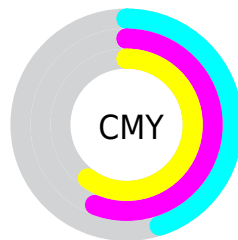
- Red (55%)
- Green (44%)
- Blue (40%)



- Red (55%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (45%)





- Cyan (45%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9909, 0.3660, 0.3453 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 17.9909, 0.3660, 0.3453 by changing the saturation by 10% instead.


 17.9909, 0.3660,
0.3453


 17.9909, 0.3660,
0.3453


240.8197, 0.3349,
0.3364


 10.9435, 0.3757,
0.3477


 40.0218, 0.3534,
0.3419


 6.0288, 0.3898,
0.3510

 55.7741, 0.3491,
0.3407

 2.8626, 0.4117,
0.3553

 75.1967, 0.3456,
0.3396

 1.0604, 0.4625,
0.3705

 98.6742, 0.3427,
0.3388

 0.0000, 1.0000,
0.0000

126.5908, 0.3403,
0.3381

 0.0000, 0.0000,
0.0000

159.3310, 0.3382,

0.3374

197.2792, 0.3365,
0.3369

■ 17.9909, 0.3660,
0.3453

■ 17.9909, 0.3660,
0.3453

■ 15.5089, 0.3925,
0.3515

■ 20.8100, 0.3437,
0.3391

■ 13.3488, 0.4234,
0.3574

■ 23.9757, 0.3249,
0.3332

■ 11.4980, 0.4585,
0.3623

■ 27.5003, 0.3093,
0.3277

■ 9.9419, 0.4967,
0.3654

■ 31.3945, 0.2962,
0.3227

■ 8.6649, 0.5357,
0.3657

■ 35.6689, 0.2852,
0.3181

■ 7.6498, 0.5717,
0.3625

■ 40.3333, 0.2760,
0.3138

■ 6.8744, 0.6017,
0.3564

■ 45.3974, 0.2681,
0.3100

■ 6.7226, 0.6084,
0.3551

■ 50.8706, 0.2614,
0.3065

■ 56.7616, 0.2557,
0.3034

Harmonies

Analogous

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



17.9909, 0.3537, 0.3225



17.9909, 0.3660, 0.3453



17.9909, 0.3632, 0.3652

Triad

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



17.9909, 0.3660, 0.3453



17.9909, 0.2942, 0.3584



17.9909, 0.2787, 0.2841

Complementary

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



17.9909, 0.3660, 0.3453



21.2604, 0.2722, 0.3120

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.



17.9909, 0.2643, 0.2912



17.9909, 0.3660, 0.3453



17.9909, 0.2729, 0.3338

Square

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



17.9909, 0.3660, 0.3453



17.9909, 0.3210, 0.3744



17.9909, 0.2622, 0.3089



17.9909, 0.3026, 0.2882

Rectangle

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



17.9909, 0.3660, 0.3453



17.9909, 0.3533, 0.3740



17.9909, 0.2622, 0.3089



17.9909, 0.2727, 0.2852

Sweetspot

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



17.9917, 0.3660, 0.3453



42.6196, 0.3258, 0.3335



16.8512, 0.3268, 0.2761



9.3389, 0.3282, 0.3343



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.



17.9917, 0.3660, 0.3453



29.4528, 0.3815, 0.3491



22.5791, 0.3576, 0.3779



5.6132, 0.3276, 0.3341



6.1499, 0.6077, 0.3556



0.0876, 0.5385, 0.4106

Inverse Universe

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



21.2604, 0.2722, 0.3120



36.2729, 0.2638, 0.3078



16.5740, 0.2686, 0.2747



5.9086, 0.2990, 0.3238



11.6592, 0.2042, 0.2550



0.1446, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 17.9909, 0.3660, 0.3453 looks on a white background.

Color Contrast Check

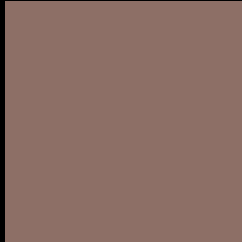
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9909, 0.3660, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

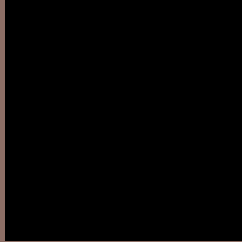
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9909, 0.3660, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 17.9909, 0.3660, 0.3453.

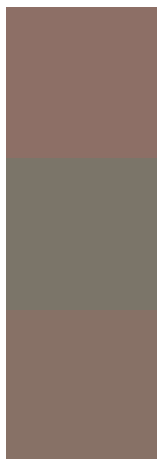


This preview shows how white text looks on a background with the Yxy color 17.9909, 0.3660, 0.3453.

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

17.9909, 0.3660, 0.3453

Protanopia

17.9535, 0.3351, 0.3523

Deuteranopia

17.9205, 0.3568, 0.3495



Tritanopia

18.0613, 0.3490, 0.3150

Trichromacy



Original Color

17.9909, 0.3660, 0.3453

Protanomaly

18.0068, 0.3465, 0.3498

Deuteranomaly

17.8660, 0.3600, 0.3475

Tritanomaly

18.0725, 0.3541, 0.3256

Monochromacy



Original Color

17.9909, 0.3660, 0.3453

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1951, 0.3307, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9909, 0.3660, 0.3453 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(141, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(141, 111, 102)  
}
```

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(141, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 111, 102) }
```

Border

The CSS property to change the border of an element to Yxy 17.9909, 0.3660, 0.3453 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(141, 111, 102) }
```

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

```
.border{ border-color:rgb(141, 111, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 111, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(141, 111,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9909, 0.3660, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 111, 102) }
```

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

```
.background{ background-color: rgb(141,  
111, 102) }
```

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