

Converting Colors

$Y_{xy}(17.9553, 0.3720, 0.3626)$

Have a look what the booklet for
Yxy(17.9553, 0.3720, 0.3626)
contains.

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Color

Yxy(18.0217, 0.3717, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	8A715E
RGB	138, 113, 94
RGB Percent	54%, 44%, 37%
CMY	0.4588, 0.5569, 0.6314
CMYK	0.00, 0.18, 0.32, 0.46
HSL	26°, 19%, 45%
HSV	26°, 32%, 54%
XYZ	18.4080, 18.0217, 13.0941
YIQ	118.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

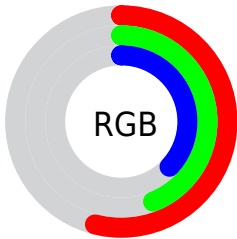
Format	Color
R_{YB}	138, 127, 94
Decimal	9072990
CIE _{Lab}	49.52, 6.86, 14.25
CIE _{LCh}	50, 15.816, 64.292
Yxy	18.0217, 0.3717, 0.3639
Android (android.graphics.Color)	4287263070 (0xFF8A715E)
YUV	118.3090, -11.9843, 17.2690
Hunter-Lab	42.4520, 3.1101, 11.4287

Details

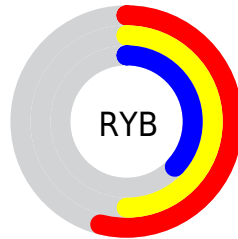
The Yxy color **18.0217, 0.3717, 0.3639** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4079, 0.2643, 0.2912**, and the grayscale version is **18.2525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1304, 0.3580, 0.3571**, and **6.0202, 0.3972, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **16.1218, 0.3958, 0.3752**, and if you desaturate by 10%, it is **20.1187, 0.3504, 0.3525**.

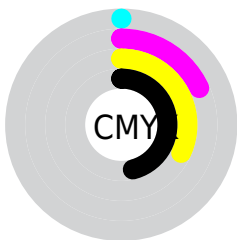
Distribution



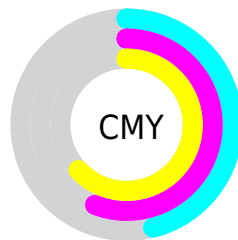
- Red (54%)
- Green (44%)
- Blue (37%)



- Red (54%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (46%)





- Cyan (46%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0217, 0.3717, 0.3639 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 18.0217, 0.3717, 0.3639 by changing the saturation by 10% instead.


 18.0217, 0.3717,
0.3639


 18.0217, 0.3717,
0.3639


240.9933, 0.3374,
0.3443


 10.9656, 0.3823,
0.3696


 40.0743, 0.3578,
0.3562


 6.0437, 0.3975,
0.3773


 55.8396, 0.3531,
0.3535

 2.8717, 0.4208,
0.3882

 75.2766, 0.3492,
0.3513

 1.0651, 0.4994,
0.4382

 98.7699, 0.3460,
0.3494

 0.0000, 1.0000,
0.0000

126.7039, 0.3434,
0.3479

 0.0000, 0.0000,
0.0000

159.4628, 0.3411,

0.3465

197.4312, 0.3391,
0.3453

■ 18.0217, 0.3717,
0.3639

■ 18.0217, 0.3717,
0.3639

■ 16.1218, 0.3958,
0.3752

■ 20.1187, 0.3504,
0.3525

■ 14.4105, 0.4225,
0.3858

■ 22.4163, 0.3317,
0.3414

■ 12.8819, 0.4513,
0.3947


■ 24.9208, 0.3155,
0.3309

■ 11.5292, 0.4811,
0.4009


■ 27.6376, 0.3015,
0.3211


■ 10.3446, 0.5102,
0.4031

■ 30.5718, 0.2894,
0.3120

 9.3200, 0.5367,
0.4005

 33.7284, 0.2789,
0.3037

 8.5948, 0.5567,
0.3961

 37.1122, 0.2698,
0.2960

 40.7278, 0.2619,
0.2890

 44.5796, 0.2549,
0.2826

Harmonies

Analogous

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



18.0217, 0.3703, 0.3402



18.0217, 0.3717, 0.3639



18.0217, 0.3566, 0.3799

Triad

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



18.0217, 0.3717, 0.3639



18.0217, 0.2736, 0.3421



18.0217, 0.2934, 0.2813

Complementary

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



18.0217, 0.3717, 0.3639



17.4079, 0.2643, 0.2912

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.



18.0217, 0.2693, 0.2798



18.0217, 0.3717, 0.3639



18.0217, 0.2583, 0.3133

Square

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



18.0217, 0.3717, 0.3639



18.0217, 0.2996, 0.3682



18.0217, 0.2568, 0.2909



18.0217, 0.3239, 0.2940

Rectangle

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



18.0217, 0.3717, 0.3639



18.0217, 0.3397, 0.3833



18.0217, 0.2568, 0.2909



18.0217, 0.2844, 0.2794

Sweetspot

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



18.0225, 0.3717, 0.3639



40.2230, 0.3288, 0.3396



14.7552, 0.3422, 0.2828



8.9059, 0.3309, 0.3409



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



18.0225, 0.3717, 0.3639



29.4100, 0.3880, 0.3718



23.3584, 0.3608, 0.3998



5.3807, 0.3270, 0.3385



7.9065, 0.5561, 0.3966



0.0807, 0.4890, 0.4499

Inverse Universe

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



17.4079, 0.2643, 0.2912



28.1531, 0.2538, 0.2815



12.8849, 0.2591, 0.2466



5.3328, 0.2991, 0.3193



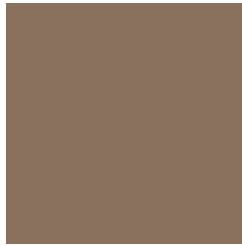
6.7602, 0.1848, 0.1852



0.0741, 0.2040, 0.2545

Previews

White Background



This preview shows how the Yxy color 18.0217, 0.3717, 0.3639 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 18.0217, 0.3717, 0.3639 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 18.0217, 0.3717, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 18.0217, 0.3717, 0.3639.



This preview shows how white text looks on a background with the Yxy color 18.0217, 0.3717, 0.3639.

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

18.0217, 0.3717, 0.3639

Protanopia

18.1614, 0.3487, 0.3715

Deuteranopia

17.9368, 0.3703, 0.3641



Tritanopia

18.1226, 0.3446, 0.3149

Trichromacy



Original Color

18.0217, 0.3717, 0.3639

Protanomaly

18.0628, 0.3577, 0.3689

Deuteranomaly

17.9368, 0.3703, 0.3641

Tritanomaly

18.0485, 0.3551, 0.3327

Monochromacy



Original Color

18.0217, 0.3717, 0.3639

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9549, 0.3331, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0217, 0.3717, 0.3639 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(138, 113, 94)` looks like.

```
.text, #text, p{  
    color:rgb(138, 113, 94)  
}
```

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(138, 113, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 113, 94) }
```

Border

The CSS property to change the border of an element to Yxy 18.0217, 0.3717, 0.3639 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(138, 113, 94) }
```

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

```
.border{ border-color:rgb(138, 113, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 113, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 113, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 113, 94);  
box-shadow:4px 4px 4px 4px rgb(138, 113,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0217, 0.3717, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 113, 94) }
```

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

```
.background{ background-color: rgb(138,  
113, 94) }
```

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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