

Converting Colors

$Y_{xy}(17.3260, 0.4032, 0.3776)$

Have a look what the booklet for
Yxy(17.3260, 0.4032, 0.3776)
contains.

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Color

Yxy(17.3389, 0.4025, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	916C51
RGB	145, 108, 81
RGB Percent	57%, 42%, 32%
CMY	0.4315, 0.5764, 0.6823
CMYK	0.00, 0.25, 0.44, 0.43
HSL	25°, 28%, 44%
HSV	25°, 44%, 57%
XYZ	18.5215, 17.3389, 10.1558
YIQ	115.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

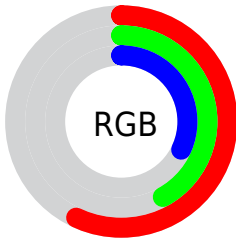
Format	Color
R_YB	145, 128, 81
Decimal	9530449
CIE Lab	48.68, 11.07, 20.82
CIE LCh	49, 23.581, 62.010
Yxy	17.3389, 0.4025, 0.3768
Android (android.graphics.Color)	4287720529 (0xFF916C51)
YUV	115.9850, -17.2476, 25.4462
Hunter-Lab	41.6400, 6.5270, 14.6875

Details

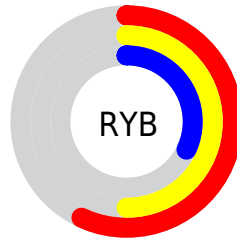
The Yxy color **17.3389, 0.4025, 0.3768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7414, 0.2458, 0.2747**, and the grayscale version is **17.5071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7143, 0.3809, 0.3657**, and **5.7920, 0.4411, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **15.4619, 0.4302, 0.3869**, and if you desaturate by 10%, it is **19.4338, 0.3774, 0.3658**.

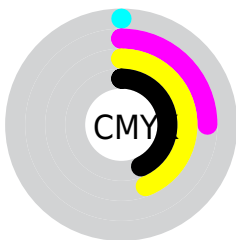
Distribution



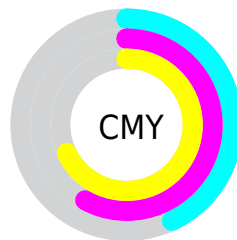
- Red (57%)
- Green (42%)
- Blue (32%)



- Red (57%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (43%)





- Cyan (43%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3389, 0.4025, 0.3768 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 17.3389, 0.4025, 0.3768 by changing the saturation by 10% instead.


 17.3389, 0.4025,
0.3768

 17.3389, 0.4025,
0.3768


237.1179, 0.3502,
0.3507

 10.4764, 0.4186,
0.3838


 38.9075, 0.3814,
0.3669


 5.7160, 0.4413,
0.3926

 54.3825, 0.3741,
0.3632


 2.6731, 0.4757,
0.4040

 73.4971, 0.3682,
0.3602

 0.9636, 0.5612,
0.4388

 96.6356, 0.3633,
0.3577

 0.0000, 1.0000,
0.0000

 124.1826, 0.3593,
0.3556

 0.0000, 0.0000,
0.0000

156.5224, 0.3558,

0.3537

194.0393, 0.3528,
0.3521

■ 17.3389, 0.4025,
0.3768

■ 17.3389, 0.4025,
0.3768

■ 15.4619, 0.4302,
0.3869

■ 19.4338, 0.3774,
0.3658

■ 13.7925, 0.4599,
0.3950

■ 21.7514, 0.3552,
0.3546

■ 12.3233, 0.4903,
0.4001

■ 24.2994, 0.3358,
0.3436

■ 11.0453, 0.5195,
0.4010

■ 27.0845, 0.3190,
0.3331

■ 9.9482, 0.5455,
0.3969

■ 30.1128, 0.3044,
0.3233

■ 9.3777, 0.5602,
0.3934

■ 33.3905, 0.2919,
0.3143

■ 36.9233, 0.2810,
0.3059

■ 40.7169, 0.2716,
0.2983

■ 44.7767, 0.2635,
0.2913

Harmonies

Analogous

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



17.3389, 0.3990, 0.3410



17.3389, 0.4025, 0.3768



17.3389, 0.3804, 0.4038

Triad

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



17.3389, 0.4025, 0.3768



17.3389, 0.2566, 0.3518



17.3389, 0.2801, 0.2584

Complementary

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



17.3389, 0.4025, 0.3768



16.7414, 0.2458, 0.2747

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.



17.3389, 0.2463, 0.2568



17.3389, 0.4025, 0.3768



17.3389, 0.2334, 0.3070

Square

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



17.3389, 0.4025, 0.3768



17.3389, 0.2954, 0.3923



17.3389, 0.2299, 0.2731



17.3389, 0.3254, 0.2758

Rectangle

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



17.3389, 0.4025, 0.3768



17.3389, 0.3553, 0.4117



17.3389, 0.2299, 0.2731



17.3389, 0.2672, 0.2560

Sweetspot

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



17.3397, 0.4025, 0.3768



43.9430, 0.3343, 0.3427



13.2185, 0.3583, 0.2645



9.5628, 0.3379, 0.3448



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.3397, 0.4025, 0.3768



27.7069, 0.4301, 0.3869



25.2636, 0.3796, 0.4266



5.7750, 0.3272, 0.3383



8.0960, 0.5591, 0.3942



0.1195, 0.4909, 0.4484

Inverse Universe

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



16.7414, 0.2458, 0.2747



26.4732, 0.2315, 0.2598



10.5023, 0.2346, 0.2078



5.7398, 0.2990, 0.3195



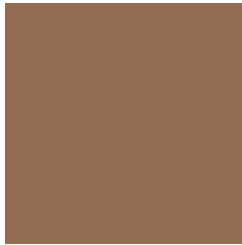
7.2144, 0.1856, 0.1883



0.1127, 0.2046, 0.2566

Previews

White Background



This preview shows how the Yxy color 17.3389, 0.4025, 0.3768 looks on a white background.

Color Contrast Check

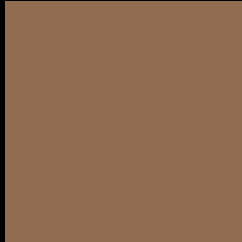
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3389, 0.4025, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

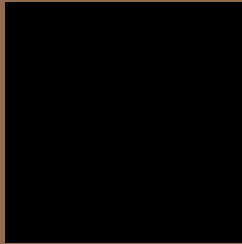
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

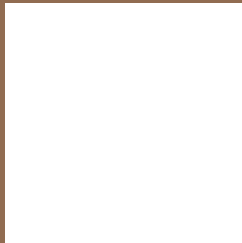
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.3389, 0.4025, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 17.3389, 0.4025, 0.3768.



This preview shows how white text looks on a background with the Yxy color 17.3389, 0.4025, 0.3768.

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

17.3389, 0.4025, 0.3768

Protanopia

17.4908, 0.3647, 0.3913

Deuteranopia

17.3513, 0.3916, 0.3858



Tritanopia

17.3664, 0.3647, 0.3153

Trichromacy



Original Color

17.3389, 0.4025, 0.3768

Protanomaly

17.3403, 0.3777, 0.3857

Deuteranomaly

17.3938, 0.3967, 0.3831

Tritanomaly

17.2458, 0.3788, 0.3362

Monochromacy



Original Color

17.3389, 0.4025, 0.3768

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.3016, 0.3443, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3389, 0.4025, 0.3768 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(145, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 81)  
}
```

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(145, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 81) }
```

Border

The CSS property to change the border of an element to Yxy 17.3389, 0.4025, 0.3768 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(145, 108, 81) }
```

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

```
.border{ border-color:rgb(145, 108, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3389, 0.4025, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 81) }
```

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

```
.background{ background-color: rgb(145,  
108, 81) }
```

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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