

Converting Colors

$Y_{xy}(17.1372, 0.4163, 0.3754)$

Have a look what the booklet for
Yxy(17.1372, 0.4163, 0.3754)
contains.

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Color

Yxy(17.1372, 0.4163, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	96694E
RGB	150, 105, 78
RGB Percent	59%, 41%, 31%
CMY	0.4117, 0.5882, 0.6942
CMYK	0.00, 0.30, 0.48, 0.41
HSL	23°, 32%, 45%
HSV	23°, 48%, 59%
XYZ	19.0043, 17.1372, 9.5090
YIQ	115.3770, 35.4870, 1.1430

Conversions

Conversions Part 2

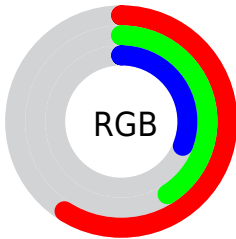
Format	Color
R_{YB}	150, 121, 78
Decimal	9857358
CIE _{Lab}	48.43, 14.65, 22.36
CIE _{LCh}	48, 26.729, 56.765
Yxy	17.1372, 0.4163, 0.3754
Android (android.graphics.Color)	4288047438 (0xFF96694E)
YUV	115.3770, -18.4269, 30.3644
Hunter-Lab	41.3971, 9.4997, 15.3589

Details

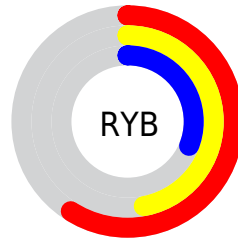
The Yxy color **17.1372, 0.4163, 0.3754** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.9808, 0.2412, 0.2758**, and the grayscale version is **17.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4311, 0.3924, 0.3663**, and **5.6773, 0.4609, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **15.1418, 0.4467, 0.3837**, and if you desaturate by 10%, it is **19.3938, 0.3888, 0.3658**.

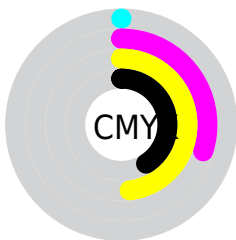
Distribution



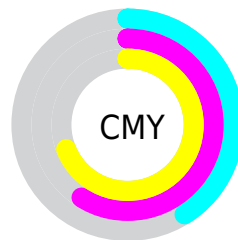
- Red (59%)
- Green (41%)
- Blue (31%)



- Red (59%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (41%)





- Cyan (41%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1372, 0.4163, 0.3754 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 17.1372, 0.4163, 0.3754 by changing the saturation by 10% instead.


 17.1372, 0.4163,
0.3754


 17.1372, 0.4163,
0.3754


235.9618, 0.3558,
0.3507


 10.3324, 0.4349,
0.3815


 38.5615, 0.3919,
0.3663


 5.6199, 0.4609,
0.3887

 53.9498, 0.3835,
0.3629


 2.6153, 0.5017,
0.3980

 72.9680, 0.3767,
0.3600

 0.9344, 0.5842,
0.4158

 96.0005, 0.3710,
0.3576

 0.0000, 1.0000,
0.0000

 123.4318, 0.3663,
0.3555

 0.0000, 0.0000,
0.0000

155.6461, 0.3623,

0.3537

193.0280, 0.3588,
0.3521

■ 17.1372, 0.4163,
0.3754

■ 17.1372, 0.4163,
0.3754

■ 15.1418, 0.4467,
0.3837

■ 19.3938, 0.3888,
0.3658

■ 13.3949, 0.4790,
0.3898

■ 21.9186, 0.3646,
0.3558

■ 11.8863, 0.5115,
0.3923

■ 24.7215, 0.3435,
0.3458

■ 10.6041, 0.5419,
0.3903

■ 27.8110, 0.3254,
0.3363

■ 9.5317, 0.5685,
0.3839

■ 31.1953, 0.3098,
0.3273

■ 9.3408, 0.5738,
0.3826

■ 34.8823, 0.2965,
0.3189

■ 38.8794, 0.2851,
0.3113

■ 43.1940, 0.2753,
0.3042

■ 47.8329, 0.2669,
0.2978

Harmonies

Analogous

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



17.1372, 0.4072, 0.3346



17.1372, 0.4163, 0.3754



17.1372, 0.3953, 0.4092

Triad

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



17.1372, 0.4163, 0.3754



17.1372, 0.2555, 0.3640



17.1372, 0.2678, 0.2480

Complementary

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



17.1372, 0.4163, 0.3754



17.9808, 0.2412, 0.2758

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.



17.1372, 0.2331, 0.2492



17.1372, 0.4163, 0.3754



17.1372, 0.2262, 0.3117

Square

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



17.1372, 0.4163, 0.3754



17.1372, 0.3014, 0.4079



17.1372, 0.2186, 0.2706



17.1372, 0.3174, 0.2647

Rectangle

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



17.1372, 0.4163, 0.3754



17.1372, 0.3686, 0.4220



17.1372, 0.2186, 0.2706



17.1372, 0.2542, 0.2463

Sweetspot

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



17.1380, 0.4163, 0.3754



45.6053, 0.3364, 0.3422



13.3747, 0.3582, 0.2533



9.8746, 0.3401, 0.3441



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.



17.1380, 0.4163, 0.3754



26.3518, 0.4502, 0.3846



25.9077, 0.3881, 0.4299



6.1507, 0.3274, 0.3374



7.8044, 0.5725, 0.3837



0.1489, 0.5007, 0.4406

Inverse Universe

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



17.9808, 0.2412, 0.2758



27.9867, 0.2265, 0.2607



10.7313, 0.2278, 0.2020



6.2001, 0.2989, 0.3205



8.4866, 0.1901, 0.2043



0.1607, 0.2074, 0.2665

Previews

White Background



This preview shows how the Yxy color 17.1372, 0.4163, 0.3754 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 17.1372, 0.4163, 0.3754 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 17.1372, 0.4163, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 17.1372, 0.4163, 0.3754.



This preview shows how white text looks on a background with the Yxy color 17.1372, 0.4163, 0.3754.

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

17.1372, 0.4163, 0.3754

Protanopia

17.1557, 0.3664, 0.3937

Deuteranopia

17.0910, 0.3964, 0.3894



Tritanopia

17.1838, 0.3775, 0.3157

Trichromacy



Original Color

17.1372, 0.4163, 0.3754

Protanomaly

16.9495, 0.3831, 0.3856

Deuteranomaly

17.0117, 0.4037, 0.3846

Tritanomaly

17.0600, 0.3921, 0.3361

Monochromacy



Original Color

17.1372, 0.4163, 0.3754

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9174, 0.3477, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1372, 0.4163, 0.3754 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(150, 105, 78)` looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 78)  
}
```

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(150, 105, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 78) }
```

Border

The CSS property to change the border of an element to Yxy 17.1372, 0.4163, 0.3754 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(150, 105, 78) }
```

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

```
.border{ border-color:rgb(150, 105, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 78);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1372, 0.4163, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 78) }
```

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

```
.background{ background-color: rgb(150,  
105, 78) }
```

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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