

Converting Colors

$Y_{xy}(17.5987, 0.4659, 0.3720)$

Have a look what the booklet for
Yxy(17.5987, 0.4659, 0.3720)
contains.

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Color

Yxy(17.6247, 0.4661, 0.3715)

Conversions

Conversions Part 1	
Format	Color
Hex	AB6144
RGB	171, 97, 68
RGB Percent	67%, 38%, 27%
CMY	0.3294, 0.6196, 0.7333
CMYK	0.00, 0.43, 0.60, 0.33
HSL	17°, 43%, 47%
HSV	17°, 60%, 67%
XYZ	22.1127, 17.6247, 7.7046
YIQ	115.8200, 53.4130, 6.6690

Conversions

Conversions Part 2

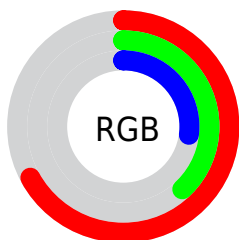
Format	Color
RYB	171, 108, 68
Decimal	11231556
CIELab	49.04, 27.18, 29.41
CIELCh	49, 40.049, 47.254
Yxy	17.6247, 0.4661, 0.3715
Android (android.graphics.Color)	4289421636 (0xFFAB6144)
YUV	115.8200, -23.5753, 48.3929
Hunter-Lab	41.9818, 20.5517, 18.5062

Details

The Yxy color **17.6247, 0.4661, 0.3715** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.5128, 0.2284, 0.2767**, and the grayscale version is **17.4688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6022, 0.4306, 0.3660**, and **5.8359, 0.5274, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **15.3492, 0.5033, 0.3747**, and if you desaturate by 10%, it is **20.3145, 0.4311, 0.3659**.

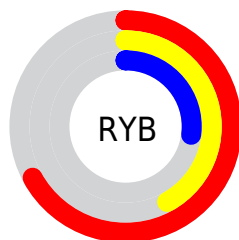
Distribution



Red (67%)

Green (38%)

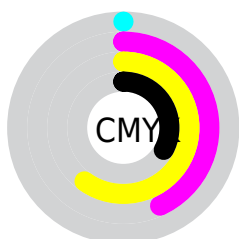
Blue (27%)



Red (67%)

Yellow (42%)

Blue (27%)

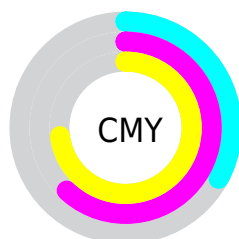


Cyan (0%)

Magenta (43%)

Yellow (60%)

Black (33%)



Cyan (33%)


Magenta (62%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6247, 0.4661, 0.3715 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 17.6247, 0.4661, 0.3715 by changing the saturation by 10% instead.


 17.6247, 0.4661,
0.3715

 17.6247, 0.4661,
0.3715

238.7471, 0.3774,
0.3523

 10.6809, 0.4922,
0.3740


 39.3968, 0.4308,
0.3657


 5.8527, 0.5276,
0.3746


 54.9938, 0.4185,
0.3631

 2.7557, 0.5897,
0.3776

 74.2441, 0.4084,
0.3608

 1.0056, 0.6509,
0.3491

 97.5319, 0.4001,
0.3586

 0.0000, 1.0000,
0.0000

 125.2417, 0.3930,
0.3568

 0.0000, 0.0000,
0.0000


157.7579, 0.3870,


0.3551


195.4649, 0.3819,
0.3536


 17.6247, 0.4661,
0.3715

 17.6247, 0.4661,
0.3715


 15.3492, 0.5033,
0.3747

 20.3145, 0.4311,
0.3659


 13.4637, 0.5402,
0.3744

 23.4358, 0.3998,
0.3588

 11.9452, 0.5731,
0.3697

 27.0079, 0.3725,
0.3512

 10.7848, 0.5996,
0.3621

 31.0485, 0.3493,
0.3435

 35.5738, 0.3296,
0.3361

■ 40.5995, 0.3131,
0.3292

■ 46.1406, 0.2992,
0.3227

■ 52.2114, 0.2874,
0.3168

■ 58.8255, 0.2775,
0.3115

Harmonies

Analogous

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



17.6247, 0.4396, 0.3151



17.6247, 0.4661, 0.3715



17.6247, 0.4450, 0.4265

Triad

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



17.6247, 0.4661, 0.3715



17.6247, 0.2466, 0.4070



17.6247, 0.2289, 0.2126

Complementary

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



17.6247, 0.4661, 0.3715



23.5128, 0.2284, 0.2767

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.



17.6247, 0.1905, 0.2206



17.6247, 0.4661, 0.3715



17.6247, 0.1984, 0.3242

Square

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



17.6247, 0.4661, 0.3715



17.6247, 0.3163, 0.4640



17.6247, 0.1799, 0.2571



17.6247, 0.2934, 0.2288

Rectangle

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



17.6247, 0.4661, 0.3715



17.6247, 0.4104, 0.4560



17.6247, 0.1799, 0.2571



17.6247, 0.2130, 0.2124

Sweetspot

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



17.6256, 0.4661, 0.3715



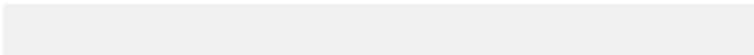
57.0920, 0.3452, 0.3421



14.7912, 0.3591, 0.2226



12.2433, 0.3512, 0.3442



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



17.6256, 0.4661, 0.3715



26.3918, 0.5147, 0.3750



29.9322, 0.4160, 0.4405



8.3690, 0.3280, 0.3354



8.2091, 0.5979, 0.3635



0.3219, 0.5387, 0.4105

Inverse Universe

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



23.5128, 0.2284, 0.2767



37.6850, 0.2155, 0.2632



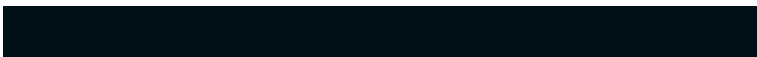
11.8288, 0.2071, 0.1806



8.6850, 0.2986, 0.3225



12.9585, 0.1990, 0.2363



0.4468, 0.2077, 0.2676

Previews

White Background



This preview shows how the Yxy color 17.6247, 0.4661, 0.3715 looks on a white background.

Color Contrast Check

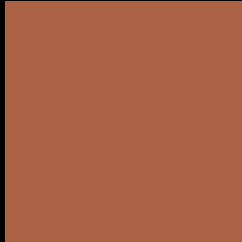
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6247, 0.4661, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

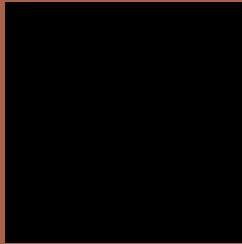
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6247, 0.4661, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 17.6247, 0.4661, 0.3715.



This preview shows how white text looks on a background with the Yxy color 17.6247, 0.4661, 0.3715.

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

17.6247, 0.4661, 0.3715

Protanopia

17.7564, 0.3768, 0.4075

Deuteranopia

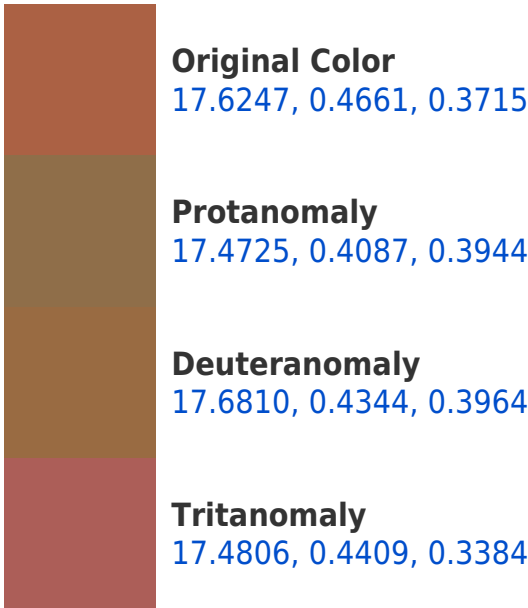
17.8096, 0.4168, 0.4106



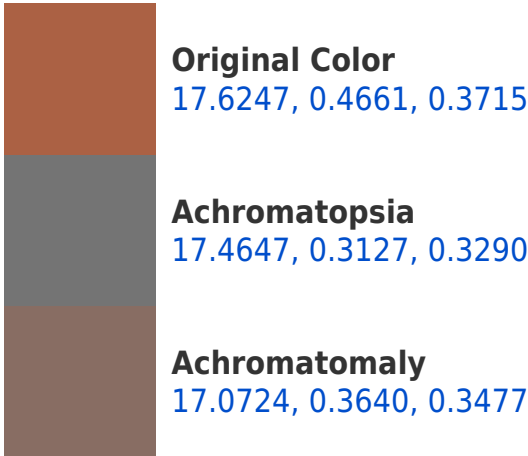
Tritanopia

17.6330, 0.4240, 0.3188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6247, 0.4661, 0.3715 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(171, 97, 68)` looks like.

```
.text, #text, p{  
    color:rgb(171, 97, 68)  
}
```

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(171, 97, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 97, 68) }
```

Border

The CSS property to change the border of an element to Yxy 17.6247, 0.4661, 0.3715 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(171, 97, 68) }
```

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

```
.border{ border-color:rgb(171, 97, 68) }
```

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

Here you see how a box with a 4 pixel rgb(171, 97, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 97, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 97, 68);  
box-shadow:4px 4px 4px 4px rgb(171, 97,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6247, 0.4661, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 97, 68) }
```

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

```
.background{ background-color: rgb(171, 97,  
68) }
```

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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