

Converting Colors

$Y_{xy}(17.7018, 0.4690, 0.3721)$

Have a look what the booklet for
Yxy(17.7018, 0.4690, 0.3721)
contains.

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Color

Yxy(17.7253, 0.4687, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	AC6143
RGB	172, 97, 67
RGB Percent	67%, 38%, 26%
CMY	0.3254, 0.6196, 0.7372
CMYK	0.00, 0.44, 0.61, 0.33
HSL	17°, 44%, 47%
HSV	17°, 61%, 67%
XYZ	22.3029, 17.7253, 7.5565
YIQ	116.0050, 54.3300, 6.5700

Conversions

Conversions Part 2

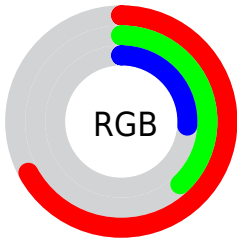
Format	Color
R_{YB}	172, 109, 67
Decimal	11297091
CIE Lab	49.16, 27.53, 30.16
CIE LCh	49, 40.834, 47.607
Yxy	17.7253, 0.4687, 0.3725
Android (android.graphics.Color)	4289487171 (0xFFAC6143)
YUV	116.0050, -24.1595, 49.1076
Hunter-Lab	42.1014, 20.8817, 18.8295

Details

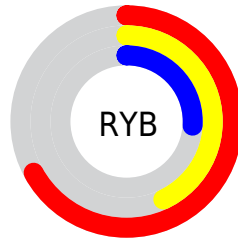
The Yxy color **17.7253, 0.4687, 0.3725** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.5232, 0.2273, 0.2751**, and the grayscale version is **17.5301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7448, 0.4325, 0.3669**, and **5.8994, 0.5304, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **15.4520, 0.5058, 0.3755**, and if you desaturate by 10%, it is **20.4136, 0.4336, 0.3669**.

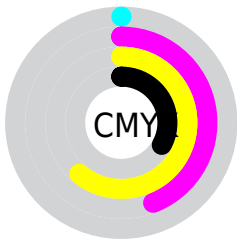
Distribution



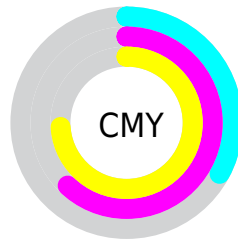
- Red (67%)
- Green (38%)
- Blue (26%)



- Red (67%)
- Yellow (43%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7253, 0.4687, 0.3725 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 17.7253, 0.4687, 0.3725 by changing the saturation by 10% instead.


 17.7253, 0.4687,
0.3725


 17.7253, 0.4687,
0.3725


239.3181, 0.3786,
0.3529


 10.7529, 0.4950,
0.3749


 39.5687, 0.4330,
0.3667


 5.9010, 0.5306,
0.3754

 55.2085, 0.4205,
0.3640

 2.7850, 0.5939,
0.3787

 74.5063, 0.4102,
0.3616

 1.0205, 0.6520,
0.3480

 97.8464, 0.4017,
0.3595

 0.0000, 1.0000,
0.0000

 125.6132, 0.3946,
0.3576

 0.0000, 0.0000,
0.0000

158.1912, 0.3885,

0.3559

195.9647, 0.3832,
0.3543

■ 17.7253, 0.4687,
0.3725

■ 17.7253, 0.4687,
0.3725

■ 15.4520, 0.5058,
0.3755

■ 20.4136, 0.4336,
0.3669

■ 13.5690, 0.5424,
0.3749

■ 23.5340, 0.4020,
0.3599

■ 12.0534, 0.5747,
0.3699

■ 27.1062, 0.3745,
0.3521

■ 10.9797, 0.5987,
0.3628

■ 31.1478, 0.3510,
0.3443

■ 35.6751, 0.3311,
0.3368

■ 40.7040, 0.3143,
0.3297

■ 46.2494, 0.3002,
0.3231

■ 52.3257, 0.2883,
0.3171

■ 58.9467, 0.2782,
0.3116

Harmonies

Analogous

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



17.7253, 0.4425, 0.3154



17.7253, 0.4687, 0.3725



17.7253, 0.4465, 0.4284

Triad

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



17.7253, 0.4687, 0.3725



17.7253, 0.2447, 0.4075



17.7253, 0.2282, 0.2110

Complementary

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



17.7253, 0.4687, 0.3725



23.5232, 0.2273, 0.2751

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.



17.7253, 0.1890, 0.2187



17.7253, 0.4687, 0.3725



17.7253, 0.1962, 0.3229

Square

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



17.7253, 0.4687, 0.3725



17.7253, 0.3152, 0.4663



17.7253, 0.1779, 0.2551



17.7253, 0.2939, 0.2277

Rectangle

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



17.7253, 0.4687, 0.3725



17.7253, 0.4110, 0.4584



17.7253, 0.1779, 0.2551



17.7253, 0.2120, 0.2107

Sweetspot

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



17.7262, 0.4687, 0.3725



58.6475, 0.3452, 0.3423



14.7474, 0.3628, 0.2236



12.2611, 0.3512, 0.3444



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.



17.7262, 0.4687, 0.3725



26.8385, 0.5180, 0.3758



30.7542, 0.4158, 0.4438



8.3741, 0.3279, 0.3355



8.2527, 0.5969, 0.3643



0.3239, 0.5376, 0.4113

Inverse Universe

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



23.5232, 0.2273, 0.2751



38.0678, 0.2143, 0.2611



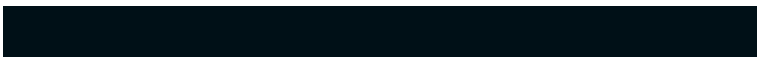
11.4435, 0.2049, 0.1750



8.6796, 0.2986, 0.3224



12.8313, 0.1986, 0.2349



0.4440, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 17.7253, 0.4687, 0.3725 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 17.7253, 0.4687, 0.3725 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 17.7253, 0.4687, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 17.7253, 0.4687, 0.3725.



This preview shows how white text looks on a background with the Yxy color 17.7253, 0.4687, 0.3725.

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

17.7253, 0.4687, 0.3725

Protanopia

17.8198, 0.3794, 0.4089

Deuteranopia

17.8878, 0.4193, 0.4117



Tritanopia

17.7475, 0.4253, 0.3189

Trichromacy



Original Color

17.7253, 0.4687, 0.3725

Protanomaly

17.5490, 0.4114, 0.3957

Deuteranomaly

17.7671, 0.4370, 0.3974

Tritanomaly

17.5942, 0.4422, 0.3383

Monochromacy



Original Color

17.7253, 0.4687, 0.3725

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0534, 0.3654, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7253, 0.4687, 0.3725 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(172, 97, 67)` looks like.

```
.text, #text, p{  
    color:rgb(172, 97, 67)  
}
```

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(172, 97, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 97, 67) }
```

Border

The CSS property to change the border of an element to Yxy 17.7253, 0.4687, 0.3725 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(172, 97, 67) }
```

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

```
.border{ border-color:rgb(172, 97, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 97, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 97, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 97, 67);  
box-shadow:4px 4px 4px 4px rgb(172, 97,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7253, 0.4687, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 97, 67) }
```

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

```
.background{ background-color: rgb(172, 97,  
67) }
```

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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