

Converting Colors

$Y_{xy}(17.5309, 0.4193, 0.4840)$

Have a look what the booklet for
Yxy(17.5309, 0.4193, 0.4840)
contains.

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Color

Yxy(17.6238, 0.4187, 0.4845)

Conversions

Conversions Part 1

Format	Color
Hex	7D7719
RGB	125, 119, 25
RGB Percent	49%, 47%, 10%
CMY	0.5098, 0.5333, 0.9018
CMYK	0.00, 0.05, 0.80, 0.51
HSL	56°, 67%, 29%
HSV	56°, 80%, 49%
XYZ	15.2303, 17.6238, 3.5211
YIQ	110.0780, 33.7500, -27.9620

Conversions

Conversions Part 2

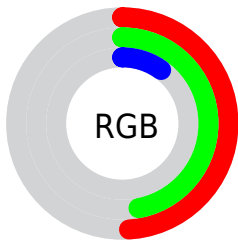
Format	Color
RYB	31, 125, 25
Decimal	8222489
CIELab	49.04, -8.75, 48.41
CIELCh	49, 49.198, 100.248
Yxy	17.6238, 0.4187, 0.4845
Android (android.graphics.Color)	4286412569 (0xFF7D7719)
YUV	110.0780, -41.9435, 13.0866
Hunter-Lab	41.9807, -8.7077, 24.4136

Details

The Yxy color **17.6238, 0.4187, 0.4845** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.6703, 0.1706, 0.0991**, and the grayscale version is **15.7339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3792, 0.3990, 0.4520**, and **5.9229, 0.4237, 0.5018** is the 20% darker color. If you saturate the color by 10%, you get **17.4043, 0.4251, 0.4920**, and if you desaturate by 10%, it is **17.8706, 0.4099, 0.4729**.

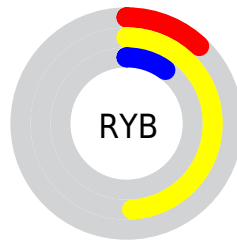
Distribution



Red (49%)

Green (47%)

Blue (10%)



Red (12%)

Yellow (49%)

Blue (10%)

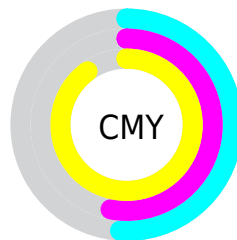


Cyan (0%)

Magenta (5%)

Yellow (80%)

Black (51%)



Cyan (51%)


Magenta (53%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6238, 0.4187, 0.4845 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 17.6238, 0.4187, 0.4845 by changing the saturation by 10% instead.


 17.6238, 0.4187,
0.4845


 17.6238, 0.4187,
0.4845


238.7420, 0.3638,
0.3982


 10.6802, 0.4295,
0.5058


 39.3952, 0.3998,
0.4522


 5.8523, 0.4480,
0.5413

 54.9919, 0.3922,
0.4402

 2.7554, 0.4428,
0.5572

 74.2417, 0.3856,
0.4302

 1.0054, 0.4230,
0.5770

 97.5291, 0.3800,
0.4217

 0.0000, 0.0000,
0.0000

 125.2384, 0.3751,
0.4145

 157.7541, 0.3708,

0.4083

195.4604, 0.3671,
0.4029

17.6238, 0.4187,
0.4845

17.6238, 0.4187,
0.4845

17.4043, 0.4251,
0.4920

17.8706, 0.4099,
0.4729

17.2000, 0.4298,
0.4969

18.1449, 0.3988,
0.4576

17.1992, 0.4298,
0.4969

18.4502, 0.3859,
0.4392

18.7886, 0.3718,
0.4185

19.1620, 0.3569,
0.3964

■ 19.5723, 0.3418,
0.3737

■ 20.0212, 0.3270,
0.3510

■ 20.5103, 0.3127,
0.3289

■ 21.0410, 0.2991,
0.3079

Harmonies

Analogous

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



17.6238, 0.4807, 0.4255



17.6238, 0.4187, 0.4845



17.6238, 0.3341, 0.5043

Triad

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



17.6238, 0.4187, 0.4845



17.6238, 0.1575, 0.2551



17.6238, 0.3621, 0.2408

Complementary

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



17.6238, 0.4187, 0.4845



2.6703, 0.1706, 0.0991

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.



17.6238, 0.2676, 0.2040



17.6238, 0.4187, 0.4845



17.6238, 0.1627, 0.2057

Square

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



17.6238, 0.4187, 0.4845



17.6238, 0.1854, 0.3445



17.6238, 0.1990, 0.1909



17.6238, 0.4527, 0.2953

Rectangle

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



17.6238, 0.4187, 0.4845



17.6238, 0.2756, 0.4762



17.6238, 0.1990, 0.1909



17.6238, 0.3290, 0.2262

Sweetspot

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



17.6246, 0.4187, 0.4845



34.7007, 0.3488, 0.3842



5.1600, 0.5634, 0.3208



7.8445, 0.3532, 0.3909



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.6246, 0.4187, 0.4845



30.8660, 0.4286, 0.4954



16.5179, 0.3535, 0.5326



4.9766, 0.3257, 0.3491



17.9468, 0.4298, 0.4969



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.6703, 0.1706, 0.0991



3.0622, 0.1535, 0.0682



3.4199, 0.2182, 0.1155



4.2500, 0.2993, 0.3081



1.7115, 0.1516, 0.0658



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.6238, 0.4187, 0.4845 looks on a white background.

Color Contrast Check

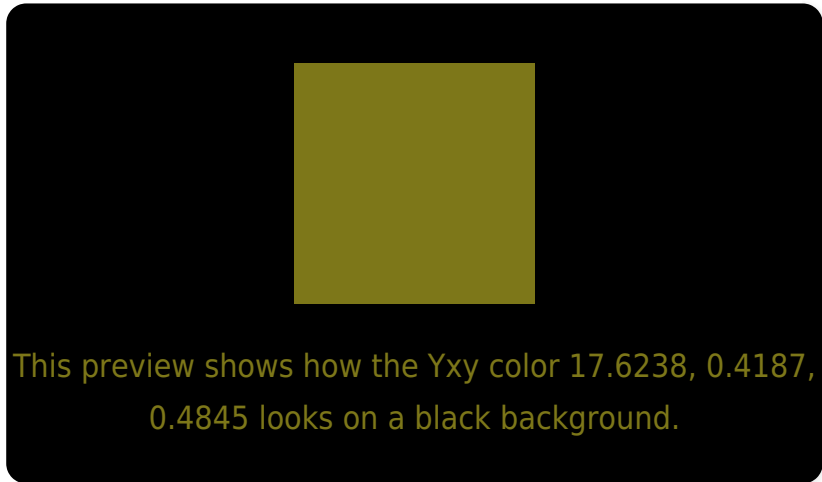
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.6238, 0.4187, 0.4845

Background



This preview shows how black text looks on a background with the Yxy color 17.6238, 0.4187, 0.4845.



This preview shows how white text looks on a background with the Yxy color 17.6238, 0.4187, 0.4845.

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

17.6238, 0.4187, 0.4845

Protanopia

17.6138, 0.4302, 0.4770

Deuteranopia

17.6606, 0.4573, 0.4502



Tritanopia

17.6063, 0.3308, 0.3143

Trichromacy



Original Color

17.6238, 0.4187, 0.4845

Protanomaly

17.6899, 0.4261, 0.4802

Deuteranomaly

17.6074, 0.4430, 0.4623

Tritanomaly

17.3576, 0.3703, 0.3846

Monochromacy



Original Color

17.6238, 0.4187, 0.4845

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.0196, 0.3584, 0.3991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6238, 0.4187, 0.4845 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(125, 119, 25)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 25)  
}
```

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(125, 119, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 25) }
```

Border

The CSS property to change the border of an element to Yxy 17.6238, 0.4187, 0.4845 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(125, 119, 25) }
```

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

```
.border{ border-color:rgb(125, 119, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 25);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6238, 0.4187, 0.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 25) }
```

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

```
.background{ background-color: rgb(125,  
119, 25) }
```

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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