

Converting Colors

$Y_{xy}(17.4801, 0.4236, 0.4923)$

Have a look what the booklet for
Yxy(17.4801, 0.4236, 0.4923)
contains.

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Color

Yxy(17.5853, 0.4235, 0.4922)

Conversions

Conversions Part 1

Format	Color
Hex	7D770E
RGB	125, 119, 14
RGB Percent	49%, 47%, 5%
CMY	0.5099, 0.5333, 0.9451
CMYK	0.00, 0.05, 0.89, 0.51
HSL	57°, 80%, 27%
HSV	57°, 89%, 49%
XYZ	15.1308, 17.5853, 3.0119
YIQ	108.8240, 37.2810, -31.3830

Conversions

Conversions Part 2

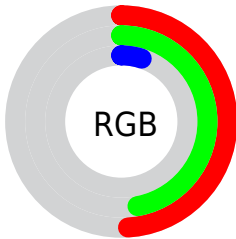
Format	Color
R_{YB}	20, 125, 14
Decimal	8222478
CIE Lab	48.99, -9.14, 51.56
CIE LCh	49, 52.368, 100.053
Yxy	17.5853, 0.4235, 0.4922
Android (android.graphics.Color)	4286412558 (0xFF7D770E)
YUV	108.8240, -46.7482, 14.1864
Hunter-Lab	41.9348, -8.9802, 25.0960

Details

The Yxy color **17.5853, 0.4235, 0.4922** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0722, 0.1602, 0.0804**, and the grayscale version is **15.3669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4045, 0.4046, 0.4587**, and **5.9229, 0.4237, 0.5018** is the 20% darker color. If you saturate the color by 10%, you get **17.3984, 0.4281, 0.4972**, and if you desaturate by 10%, it is **17.7917, 0.4170, 0.4841**.

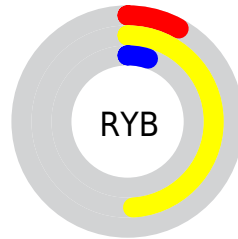
Distribution



Red (49%)

Green (47%)

Blue (5%)



Red (8%)

Yellow (49%)

Blue (5%)

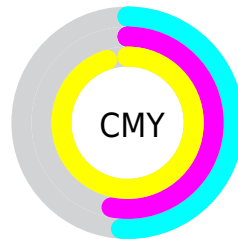


Cyan (0%)

Magenta (5%)

Yellow (89%)

Black (51%)



Cyan (51%)


Magenta (53%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5853, 0.4235, 0.4922 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 17.5853, 0.4235, 0.4922 by changing the saturation by 10% instead.


 17.5853, 0.4235,
0.4922

 17.5853, 0.4235,
0.4922

 238.5231, 0.3671,
0.4025


 10.6527, 0.4336,
0.5133


 39.3294, 0.4046,
0.4592


 5.8338, 0.4512,
0.5488

 54.9097, 0.3968,
0.4467


 2.7443, 0.4407,
0.5593

 74.1413, 0.3900,
0.4363

 0.9997, 0.4196,
0.5804


 97.4086, 0.3841,
0.4274


 0.0000, 0.0000,
0.0000


 125.0960, 0.3790,
0.4198


 157.5880, 0.3745,

0.4132


 195.2689, 0.3706,
0.4075

 17.5853, 0.4235,
0.4922

 17.5853, 0.4235,
0.4922


 17.3984, 0.4281,
0.4972


 17.7917, 0.4170,
0.4841

 17.3761, 0.4287,
0.4978

 18.0229, 0.4081,
0.4721

 18.2825, 0.3969,
0.4563

 18.5730, 0.3840,
0.4375

 18.8965, 0.3699,
0.4165

■ 19.2550, 0.3551,
0.3942

■ 19.6503, 0.3400,
0.3713

■ 20.0841, 0.3253,
0.3485

■ 20.5579, 0.3111,
0.3264

Harmonies

Analogous

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



17.5853, 0.4898, 0.4281



17.5853, 0.4235, 0.4922



17.5853, 0.3343, 0.5167

Triad

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



17.5853, 0.4235, 0.4922



17.5853, 0.1497, 0.2504



17.5853, 0.3642, 0.2357

Complementary

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



17.5853, 0.4235, 0.4922



2.0722, 0.1602, 0.0804

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.



17.5853, 0.2640, 0.1976



17.5853, 0.4235, 0.4922



17.5853, 0.1552, 0.1989

Square

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



17.5853, 0.4235, 0.4922



17.5853, 0.1784, 0.3456



17.5853, 0.1925, 0.1839



17.5853, 0.4612, 0.2923

Rectangle

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



17.5853, 0.4235, 0.4922



17.5853, 0.2728, 0.4878



17.5853, 0.1925, 0.1839



17.5853, 0.3289, 0.2206

Sweetspot

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



17.5861, 0.4235, 0.4922



34.5740, 0.3533, 0.3916



4.7276, 0.5969, 0.3225



7.8227, 0.3574, 0.3977



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.



17.5861, 0.4235, 0.4922



31.0612, 0.4289, 0.4976



16.2655, 0.3519, 0.5471



4.9811, 0.3257, 0.3492



18.1400, 0.4287, 0.4978



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.0722, 0.1602, 0.0804



2.8419, 0.1511, 0.0639



2.8209, 0.2067, 0.0997



4.2460, 0.2993, 0.3080



1.6941, 0.1514, 0.0652



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5853, 0.4235, 0.4922 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 17.5853, 0.4235, 0.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

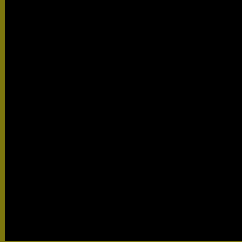
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5853, 0.4235, 0.4922

Background



This preview shows how black text looks on a background with the Yxy color 17.5853, 0.4235, 0.4922.



This preview shows how white text looks on a background with the Yxy color 17.5853, 0.4235, 0.4922.

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

17.5853, 0.4235, 0.4922

Protanopia

17.5769, 0.4350, 0.4841

Deuteranopia

17.4090, 0.4634, 0.4547



Tritanopia

17.6063, 0.3308, 0.3143

Trichromacy



Original Color

17.5853, 0.4235, 0.4922

Protanomaly

17.6531, 0.4308, 0.4873

Deuteranomaly

17.3429, 0.4498, 0.4681

Tritanomaly

17.2958, 0.3754, 0.3922

Monochromacy



Original Color

17.5853, 0.4235, 0.4922

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.9495, 0.3647, 0.4093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5853, 0.4235, 0.4922 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, 14)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 14)  
}
```

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, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 14) }
```

Border

The CSS property to change the border of an element to Yxy 17.5853, 0.4235, 0.4922 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, 14) }
```

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

```
.border{ border-color:rgb(125, 119, 14) }
```

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, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 14);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5853, 0.4235, 0.4922 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, 14) }
```

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

```
.background{ background-color: rgb(125,  
119, 14) }
```

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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