

Converting Colors

$Y_{xy}(17.6458, 0.4310, 0.4911)$

Have a look what the booklet for
Yxy(17.6458, 0.4310, 0.4911)
contains.

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Color

Yxy(17.5614, 0.4312, 0.4911)

Conversions

Conversions Part 1

Format	Color
Hex	807607
RGB	128, 118, 7
RGB Percent	50%, 46%, 3%
CMY	0.4980, 0.5372, 0.9725
CMYK	0.00, 0.08, 0.95, 0.50
HSL	55°, 90%, 26%
HSV	55°, 95%, 50%
XYZ	15.4194, 17.5614, 2.7785
YIQ	108.3360, 41.5910, -32.4010

Conversions

Conversions Part 2

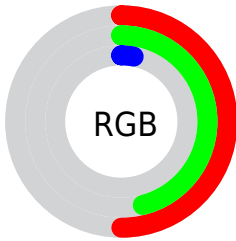
Format	Color
RYB	18, 128, 7
Decimal	8418823
CIELab	48.96, -7.30, 53.12
CIElCh	49, 53.617, 97.828
Yxy	17.5614, 0.4312, 0.4911
Android (android.graphics.Color)	4286608903 (0xFF807607)
YUV	108.3360, -49.9586, 17.2453
Hunter-Lab	41.9063, -7.6571, 25.4033

Details

The Yxy color **17.5614, 0.4312, 0.4911** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0056, 0.1563, 0.0749**, and the grayscale version is **15.2315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3450, 0.4109, 0.4599**, and **5.8762, 0.4303, 0.4966** is the 20% darker color. If you saturate the color by 10%, you get **17.4105, 0.4341, 0.4935**, and if you desaturate by 10%, it is **17.8474, 0.4253, 0.4856**.

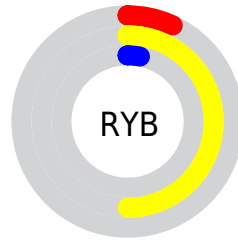
Distribution



Red (50%)

Green (46%)

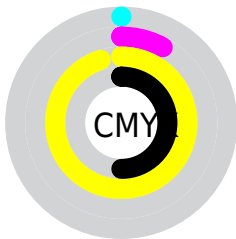
Blue (3%)



Red (7%)

Yellow (50%)

Blue (3%)

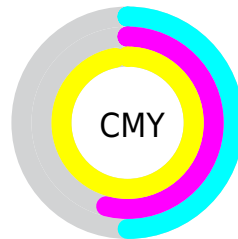


Cyan (0%)

Magenta (8%)

Yellow (95%)

Black (50%)



Cyan (50%)


Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5614, 0.4312, 0.4911 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 17.5614, 0.4312, 0.4911 by changing the saturation by 10% instead.


 17.5614, 0.4312,
0.4911


 17.5614, 0.4312,
0.4911


238.3871, 0.3709,
0.4033


 10.6356, 0.4420,
0.5108


 39.2885, 0.4111,
0.4594


 5.8223, 0.4586,
0.5414

 54.8586, 0.4027,
0.4472


 2.7374, 0.4502,
0.5498

 74.0789, 0.3954,
0.4369

 0.9962, 0.4342,
0.5658

 97.3338, 0.3891,
0.4281


 0.0000, 0.0000,
0.0000


 125.0076, 0.3836,
0.4205


 157.4849, 0.3788,

0.4140


 195.1499, 0.3746,
0.4083


 17.5614, 0.4312,
0.4911


 17.5614, 0.4312,
0.4911


 17.4105, 0.4341,
0.4935

 17.8474, 0.4253,
0.4856

 18.1587, 0.4170,
0.4761

 18.5000, 0.4062,
0.4627

 18.8741, 0.3936,
0.4459

 19.2835, 0.3794,
0.4264

■ 19.7304, 0.3644,
0.4051

■ 20.2168, 0.3491,
0.3829

■ 20.7445, 0.3338,
0.3606

■ 21.3153, 0.3191,
0.3386

Harmonies

Analogous

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



17.5614, 0.4966, 0.4238



17.5614, 0.4312, 0.4911



17.5614, 0.3412, 0.5221

Triad

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



17.5614, 0.4312, 0.4911



17.5614, 0.1476, 0.2539



17.5614, 0.3571, 0.2302

Complementary

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



17.5614, 0.4312, 0.4911



2.0056, 0.1563, 0.0749

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.



17.5614, 0.2562, 0.1932



17.5614, 0.4312, 0.4911



17.5614, 0.1508, 0.1987

Square

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



17.5614, 0.4312, 0.4911



17.5614, 0.1792, 0.3544



17.5614, 0.1862, 0.1813



17.5614, 0.4586, 0.2865

Rectangle

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



17.5614, 0.4312, 0.4911



17.5614, 0.2783, 0.4976



17.5614, 0.1862, 0.1813



17.5614, 0.3212, 0.2154

Sweetspot

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



17.5622, 0.4312, 0.4911



35.2302, 0.3554, 0.3922



4.7828, 0.6118, 0.3222



8.1749, 0.3611, 0.4003



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.5622, 0.4312, 0.4911



30.5517, 0.4344, 0.4932



17.0574, 0.3523, 0.5530



4.9606, 0.3258, 0.3486



17.2636, 0.4341, 0.4935



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.0056, 0.1563, 0.0749



3.0502, 0.1517, 0.0660



2.5937, 0.1967, 0.0897



4.2645, 0.2993, 0.3086



1.7743, 0.1522, 0.0679



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5614, 0.4312, 0.4911 looks on a white background.

Color Contrast Check

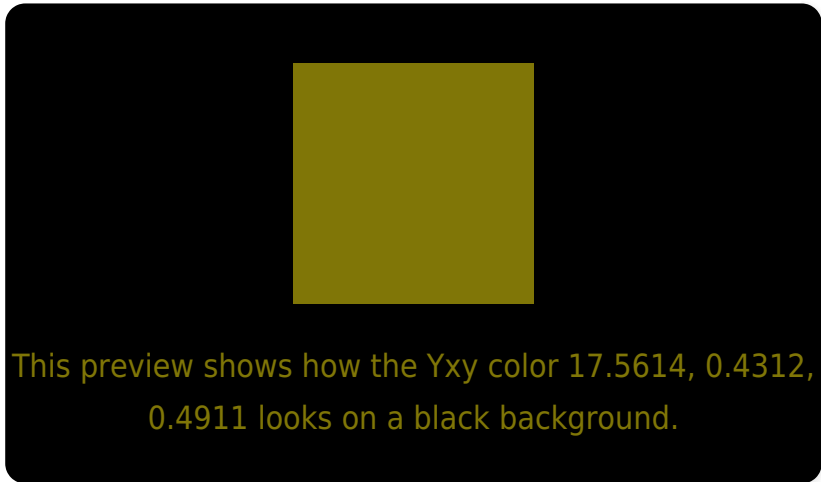
Large Text (above 18pt) WCAG AA ✓ Pass

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

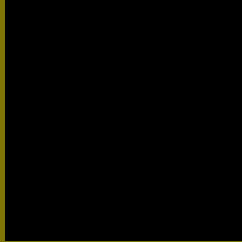
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5614, 0.4312, 0.4911

Background



This preview shows how black text looks on a background with the Yxy color 17.5614, 0.4312, 0.4911.



This preview shows how white text looks on a background with the Yxy color 17.5614, 0.4312, 0.4911.

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

17.5614, 0.4312, 0.4911

Protanopia

17.5610, 0.4370, 0.4872

Deuteranopia

17.3954, 0.4653, 0.4571



Tritanopia

17.6108, 0.3364, 0.3145

Trichromacy



Original Color

17.5614, 0.4312, 0.4911

Protanomaly

17.4816, 0.4357, 0.4882

Deuteranomaly

17.4148, 0.4531, 0.4698

Tritanomaly

17.2658, 0.3842, 0.3949

Monochromacy



Original Color

17.5614, 0.4312, 0.4911

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.6881, 0.3690, 0.4135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5614, 0.4312, 0.4911 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(128, 118, 7)` looks like.

```
.text, #text, p{  
  color:rgb(128, 118, 7)  
}
```

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(128, 118, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 118, 7) }
```

Border

The CSS property to change the border of an element to Yxy 17.5614, 0.4312, 0.4911 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(128, 118, 7) }
```

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

```
.border{ border-color:rgb(128, 118, 7) }
```

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

Here you see how a box with a 4 pixel rgb(128, 118, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 118, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 118, 7);  
box-shadow:4px 4px 4px 4px rgb(128, 118,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5614, 0.4312, 0.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 118, 7) }
```

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

```
.background{ background-color: rgb(128,  
118, 7) }
```

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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