

Converting Colors

$Y_{xy}(17.2114, 0.3996, 0.5209)$

Have a look what the booklet for
Yxy(17.2114, 0.3996, 0.5209)
contains.

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Color

Yxy(17.1072, 0.4000, 0.5206)

Conversions

Conversions Part 1

Format	Color
Hex	6C7A00
RGB	108, 122, 0
RGB Percent	42%, 48%, 0%
CMY	0.5765, 0.5216, 1.0000
CMYK	0.11, 0.00, 1.00, 0.52
HSL	67°, 100%, 24%
HSV	67°, 100%, 48%
XYZ	13.1442, 17.1072, 2.6091
YIQ	103.9060, 30.8180, -40.9100

Conversions

Conversions Part 2

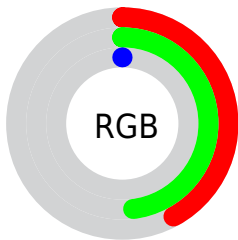
Format	Color
RYB	0, 122, 14
Decimal	7109120
CIELab	48.39, -19.00, 53.37
CIElCh	48, 56.647, 109.597
Yxy	17.1072, 0.4000, 0.5206
Android (android.graphics.Color)	4285299200 (0xFF6C7A00)
YUV	103.9060, -51.2257, 3.5904
Hunter-Lab	41.3609, -15.6553, 25.2125

Details

The Yxy color **17.1072, 0.4000, 0.5206** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4987, 0.1559, 0.0632**, and the grayscale version is **13.9512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4288, 0.3885, 0.4790**, and **5.6058, 0.3826, 0.5344** is the 20% darker color. If you saturate the color by 10%, you get **17.1079, 0.4000, 0.5206**, and if you desaturate by 10%, it is **17.2235, 0.3986, 0.5129**.

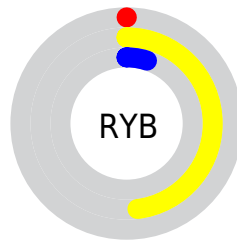
Distribution



Red (42%)

Green (48%)

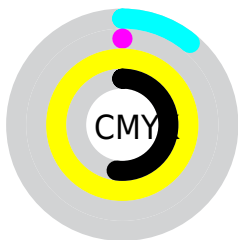
Blue (0%)



Red (0%)

Yellow (48%)

Blue (5%)

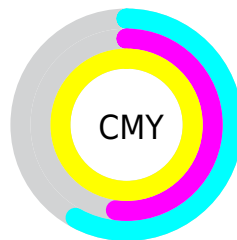


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (58%)


Magenta (52%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1072, 0.4000, 0.5206 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 17.1072, 0.4000, 0.5206 by changing the saturation by 10% instead.


 17.1072, 0.4000,
0.5206


 17.1072, 0.4000,
0.5206


235.7894, 0.3589,
0.4119


 10.3110, 0.4043,
0.5481


 38.5100, 0.3880,
0.4795

 5.6056, 0.4099,
0.5901

 53.8853, 0.3823,
0.4643

 2.6068, 0.3865,
0.6135

 72.8892, 0.3772,
0.4516

 0.9301, 0.3108,
0.6892

 95.9059, 0.3726,
0.4410


 0.0000, 0.0000,
0.0000


 123.3198, 0.3685,
0.4321


 155.5155, 0.3649,

0.4244

 192.8772, 0.3618,
0.4177


 17.1072, 0.4000,
0.5206


 17.1072, 0.4000,
0.5206


 17.1079, 0.4000,
0.5206

 17.2235, 0.3986,
0.5129

 17.3540, 0.3956,
0.5026

 17.5088, 0.3902,
0.4882

 17.6906, 0.3826,
0.4701

 17.9016, 0.3731,
0.4491

■ 18.1441, 0.3621,
0.4259

■ 18.4197, 0.3501,
0.4016

■ 18.7303, 0.3377,
0.3769

■ 19.0775, 0.3251,
0.3525

Harmonies

Analogous

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



17.1072, 0.4829, 0.4558



17.1072, 0.4000, 0.5206



17.1072, 0.3015, 0.5266

Triad

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



17.1072, 0.4000, 0.5206



17.1072, 0.1369, 0.2205



17.1072, 0.4049, 0.2461

Complementary

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



17.1072, 0.4000, 0.5206



1.4987, 0.1559, 0.0632

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.



17.1072, 0.2914, 0.1987



17.1072, 0.4000, 0.5206



17.1072, 0.1534, 0.1806

Square

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



17.1072, 0.4000, 0.5206



17.1072, 0.1541, 0.3077



17.1072, 0.2036, 0.1756



17.1072, 0.4986, 0.3095

Rectangle

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



17.1072, 0.4000, 0.5206



17.1072, 0.2385, 0.4744



17.1072, 0.2036, 0.1756



17.1072, 0.3663, 0.2280

Sweetspot

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



17.1080, 0.4000, 0.5206



32.3673, 0.3510, 0.4034



4.4056, 0.6284, 0.3393



7.3623, 0.3551, 0.4116



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.1080, 0.4000, 0.5206



30.0597, 0.3995, 0.5210



14.5677, 0.3265, 0.5789



4.6117, 0.3239, 0.3503



18.0090, 0.3999, 0.5206



85.6686, 0.3989, 0.5215

Inverse Universe

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



1.4987, 0.1559, 0.0632



2.6020, 0.1547, 0.0626



2.8297, 0.2263, 0.1020



3.9136, 0.3010, 0.3070



1.5755, 0.1557, 0.0632



7.3176, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 17.1072, 0.4000, 0.5206 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 17.1072, 0.4000, 0.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

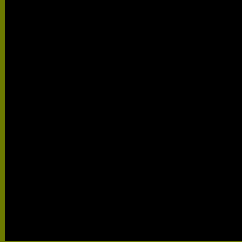
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1072, 0.4000, 0.5206

Background



This preview shows how black text looks on a background with the Yxy color 17.1072, 0.4000, 0.5206.



This preview shows how white text looks on a background with the Yxy color 17.1072, 0.4000, 0.5206.

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

17.1072, 0.4000, 0.5206

Protanopia

17.0073, 0.4405, 0.4885

Deuteranopia

17.0112, 0.4624, 0.4552



Tritanopia

16.9973, 0.3071, 0.3115

Trichromacy



Original Color

17.1072, 0.4000, 0.5206

Protanomaly

17.0944, 0.4249, 0.5008

Deuteranomaly

16.9692, 0.4407, 0.4792

Tritanomaly

16.6182, 0.3566, 0.4070

Monochromacy



Original Color

17.1072, 0.4000, 0.5206

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.7655, 0.3610, 0.4267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1072, 0.4000, 0.5206 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(108, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 122, 0)  
}
```

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(108, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 122, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.1072, 0.4000, 0.5206 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(108, 122, 0) }
```

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

```
.border{ border-color:rgb(108, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(108, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 122,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1072, 0.4000, 0.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 122, 0) }
```

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

```
.background{ background-color: rgb(108,  
122, 0) }
```

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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