

Converting Colors

$Y_{xy}(17.9260, 0.4044, 0.5171)$

Have a look what the booklet for
Yxy(17.9260, 0.4044, 0.5171)
contains.

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Color

Yxy(17.9260, 0.4044, 0.5171)

Conversions

Conversions Part 1

Format	Color
Hex	717C00
RGB	113, 124, 0
RGB Percent	44%, 49%, 0%
CMY	0.5568, 0.5137, 0.9999
CMYK	0.09, 0.00, 1.00, 0.51
HSL	65°, 100%, 24%
HSV	65°, 100%, 49%
XYZ	14.0191, 17.9260, 2.7213
YIQ	106.5750, 33.2480, -40.8960

Conversions

Conversions Part 2

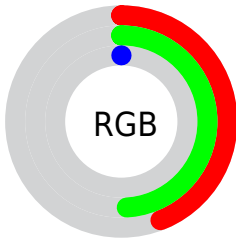
Format	Color
RYB	0, 124, 11
Decimal	7437312
CIELab	49.41, -17.75, 54.29
CIElCh	49, 57.121, 108.099
Yxy	17.9260, 0.4044, 0.5171
Android (android.graphics.Color)	4285627392 (0xFF717C00)
YUV	106.5750, -52.5415, 5.6347
Hunter-Lab	42.3391, -14.9895, 25.8266

Details

The Yxy color **17.9260, 0.4044, 0.5171** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5266, 0.1543, 0.0624**, and the grayscale version is **14.7218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7572, 0.3915, 0.4770**, and **6.0243, 0.3897, 0.5287** is the 20% darker color. If you saturate the color by 10%, you get **17.9267, 0.4044, 0.5171**, and if you desaturate by 10%, it is **18.0277, 0.4026, 0.5100**.

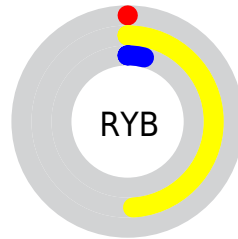
Distribution



Red (44%)

Green (49%)

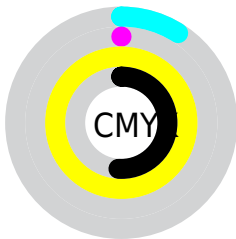
Blue (0%)



Red (0%)

Yellow (49%)

Blue (4%)

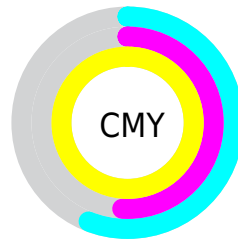


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (56%)


Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9260, 0.4044, 0.5171 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 17.9260, 0.4044, 0.5171 by changing the saturation by 10% instead.


 17.9260, 0.4044,
0.5171


 17.9260, 0.4044,
0.5171


240.4536, 0.3610,
0.4117


 10.8969, 0.4094,
0.5430


 39.9112, 0.3915,
0.4777


 5.9975, 0.4168,
0.5832

 55.6360, 0.3855,
0.4630

 2.8436, 0.3961,
0.6039

 75.0283, 0.3801,
0.4507

 1.0506, 0.3463,
0.6537


 98.4722, 0.3753,
0.4403


 0.0000, 0.0000,
0.0000


 126.3524, 0.3711,
0.4316

 159.0530, 0.3673,

0.4240

 196.9587, 0.3640,
0.4174

 17.9260, 0.4044,
0.5171


 17.9260, 0.4044,
0.5171


 17.9267, 0.4044,
0.5171

 18.0277, 0.4026,
0.5100

 18.1437, 0.3992,
0.5002

 18.2844, 0.3934,
0.4864

 18.4524, 0.3854,
0.4689

 18.6503, 0.3754,
0.4483

■ 18.8801, 0.3639,
0.4255

■ 19.1439, 0.3515,
0.4014

■ 19.4433, 0.3385,
0.3768

■ 19.7801, 0.3255,
0.3525

Harmonies

Analogous

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



17.9260, 0.4853, 0.4516



17.9260, 0.4044, 0.5171



17.9260, 0.3067, 0.5270

Triad

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



17.9260, 0.4044, 0.5171



17.9260, 0.1379, 0.2243



17.9260, 0.3986, 0.2438

Complementary

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



17.9260, 0.4044, 0.5171



1.5266, 0.1543, 0.0624

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.



17.9260, 0.2864, 0.1977



17.9260, 0.4044, 0.5171



17.9260, 0.1526, 0.1825

Square

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



17.9260, 0.4044, 0.5171



17.9260, 0.1569, 0.3137



17.9260, 0.2009, 0.1760



17.9260, 0.4940, 0.3064

Rectangle

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



17.9260, 0.4044, 0.5171



17.9260, 0.2435, 0.4785



17.9260, 0.2009, 0.1760



17.9260, 0.3603, 0.2261

Sweetspot

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



17.9268, 0.4044, 0.5171



33.6535, 0.3524, 0.4031



4.5097, 0.6305, 0.3375



7.8865, 0.3568, 0.4116



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.



17.9268, 0.4044, 0.5171



31.5168, 0.4040, 0.5174



15.1366, 0.3284, 0.5775



4.6168, 0.3243, 0.3502



18.2239, 0.4044, 0.5171



86.7404, 0.4036, 0.5178

Inverse Universe

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



1.5266, 0.1543, 0.0624



2.6561, 0.1533, 0.0618



2.8463, 0.2226, 0.1000



3.9090, 0.3006, 0.3070



1.5510, 0.1543, 0.0624



7.2316, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 17.9260, 0.4044, 0.5171 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 17.9260, 0.4044, 0.5171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

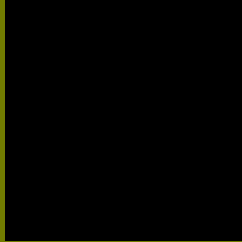
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9260, 0.4044, 0.5171

Background



This preview shows how black text looks on a background with the Yxy color 17.9260, 0.4044, 0.5171.



This preview shows how white text looks on a background with the Yxy color 17.9260, 0.4044, 0.5171.

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

17.9260, 0.4044, 0.5171

Protanopia

17.9434, 0.4400, 0.4888

Deuteranopia

17.7153, 0.4637, 0.4558



Tritanopia

17.8543, 0.3110, 0.3120

Trichromacy



Original Color

17.9260, 0.4044, 0.5171

Protanomaly

17.8686, 0.4276, 0.4987

Deuteranomaly

17.6707, 0.4418, 0.4787

Tritanomaly

17.4433, 0.3613, 0.4067

Monochromacy



Original Color

17.9260, 0.4044, 0.5171

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.4788, 0.3632, 0.4242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9260, 0.4044, 0.5171 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(113, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 124, 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(113, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 124, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.9260, 0.4044, 0.5171 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(113, 124, 0) }
```

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

```
.border{ border-color:rgb(113, 124, 0) }
```

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

Here you see how a box with a 4 pixel rgb(113, 124, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 124,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9260, 0.4044, 0.5171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 124, 0) }
```

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

```
.background{ background-color: rgb(113,  
124, 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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