

Converting Colors

$Y_{xy}(14.9868, 0.4136, 0.5026)$

Have a look what the booklet for
Yxy(14.9868, 0.4136, 0.5026)
contains.

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Color

Yxy(14.9231, 0.4134, 0.5026)

Conversions

Conversions Part 1

Format	Color
Hex	6E7009
RGB	110, 112, 9
RGB Percent	43%, 44%, 4%
CMY	0.5686, 0.5608, 0.9644
CMYK	0.02, 0.00, 0.92, 0.56
HSL	61°, 85%, 24%
HSV	61°, 92%, 44%
XYZ	12.2746, 14.9231, 2.4941
YIQ	99.6600, 31.8710, -32.4570

Conversions

Conversions Part 2

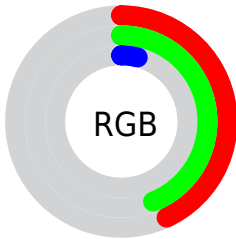
Format	Color
R_{YB}	9, 112, 11
Decimal	7237641
CIE Lab	45.53, -12.48, 49.28
CIE LCh	46, 50.839, 104.208
Yxy	14.9231, 0.4134, 0.5026
Android (android.graphics.Color)	4285427721 (0xFF6E7009)
YUV	99.6600, -44.6954, 9.0682
Hunter-Lab	38.6304, -10.8859, 23.2133

Details

The Yxy color **14.9231, 0.4134, 0.5026** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4387, 0.1578, 0.0718**, and the grayscale version is **12.7655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5871, 0.3975, 0.4645**, and **4.5966, 0.4073, 0.5148** is the 20% darker color. If you saturate the color by 10%, you get **14.8926, 0.4161, 0.5078**, and if you desaturate by 10%, it is **14.9694, 0.4091, 0.4947**.

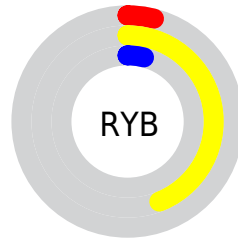
Distribution



Red (43%)

Green (44%)

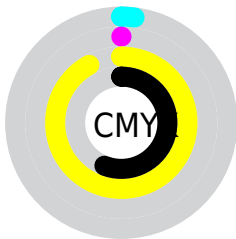
Blue (4%)



Red (4%)

Yellow (44%)

Blue (4%)

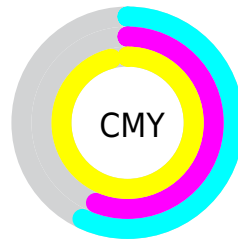


Cyan (2%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (57%)


Magenta (56%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9231, 0.4134, 0.5026 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 14.9231, 0.4134, 0.5026 by changing the saturation by 10% instead.

 14.9231, 0.4134,
0.5026


 14.9231, 0.4134,
0.5026


 222.9003, 0.3619,
0.4035


 8.7654, 0.4218,
0.5278


 34.7182, 0.3965,
0.4649


 4.5885, 0.4335,
0.5665

 49.1245, 0.3893,
0.4510


 2.0079, 0.4159,
0.5841

 67.0490, 0.3830,
0.4395

 0.6121, 0.3117,
0.6883

 88.8763, 0.3776,
0.4299

 0.0000, 0.0000,
0.0000

 114.9906, 0.3729,
0.4217

 145.7765, 0.3687,

0.4147

■ 181.6183, 0.3651,
0.4087

■ 14.9231, 0.4134,
0.5026

■ 14.9231, 0.4134,
0.5026

■ 14.8926, 0.4161,
0.5078

■ 14.9694, 0.4091,
0.4947

■ 15.0333, 0.4025,
0.4828

■ 15.1180, 0.3936,
0.4672

■ 15.2252, 0.3828,
0.4484

■ 15.3567, 0.3705,
0.4272

■ 15.5139, 0.3571,
0.4042

■ 15.6984, 0.3431,
0.3805

■ 15.9114, 0.3291,
0.3566

■ 16.1541, 0.3153,
0.3333

Harmonies

Analogous

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



14.9231, 0.4861, 0.4391



14.9231, 0.4134, 0.5026



14.9231, 0.3209, 0.5192

Triad

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



14.9231, 0.4134, 0.5026



14.9231, 0.1454, 0.2383



14.9231, 0.3804, 0.2408

Complementary

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



14.9231, 0.4134, 0.5026



1.4387, 0.1578, 0.0718

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.



14.9231, 0.2756, 0.1990



14.9231, 0.4134, 0.5026



14.9231, 0.1555, 0.1921

Square

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



14.9231, 0.4134, 0.5026



14.9231, 0.1691, 0.3297



14.9231, 0.1980, 0.1814



14.9231, 0.4755, 0.3000

Rectangle

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



14.9231, 0.4134, 0.5026



14.9231, 0.2591, 0.4812



14.9231, 0.1980, 0.1814



14.9231, 0.3440, 0.2245

Sweetspot

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



14.9238, 0.4134, 0.5026



27.3505, 0.3527, 0.3968



3.6995, 0.6136, 0.3314



6.5456, 0.3574, 0.4049



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.9238, 0.4134, 0.5026



26.1555, 0.4160, 0.5079



12.5331, 0.3402, 0.5583



3.9131, 0.3250, 0.3498



17.2151, 0.4161, 0.5078



85.7102, 0.4159, 0.5080

Inverse Universe

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



1.4387, 0.1578, 0.0718



2.0734, 0.1508, 0.0604



2.3995, 0.2190, 0.1045



3.3033, 0.2999, 0.3073



1.3674, 0.1510, 0.0606



6.7680, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 14.9231, 0.4134, 0.5026 looks on a white background.

Color Contrast Check

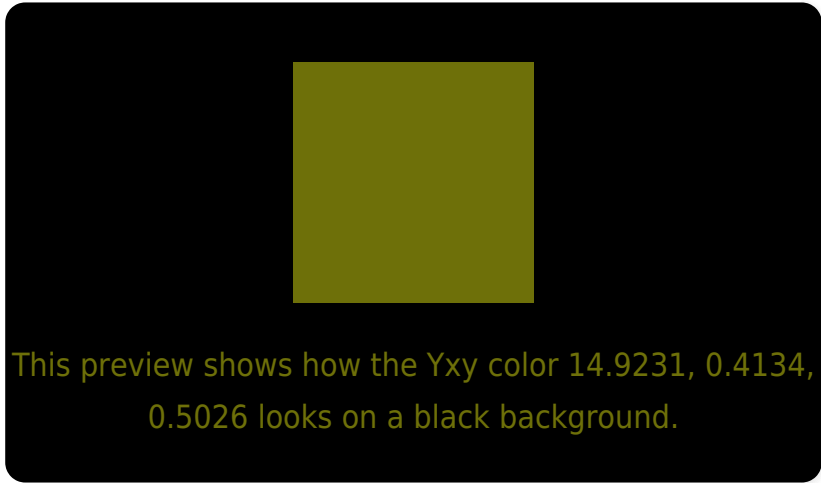
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

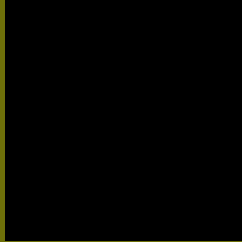
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9231, 0.4134, 0.5026

Background



This preview shows how black text looks on a background with the Yxy color 14.9231, 0.4134, 0.5026.



This preview shows how white text looks on a background with the Yxy color 14.9231, 0.4134, 0.5026.

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

14.9231, 0.4134, 0.5026

Protanopia

14.8780, 0.4378, 0.4851

Deuteranopia

14.7840, 0.4624, 0.4551



Tritanopia

14.9220, 0.3219, 0.3130

Trichromacy



Original Color

14.9231, 0.4134, 0.5026

Protanomaly

14.8064, 0.4300, 0.4904

Deuteranomaly

14.8546, 0.4452, 0.4726

Tritanomaly

14.6682, 0.3671, 0.3960

Monochromacy



Original Color

14.9231, 0.4134, 0.5026

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.2489, 0.3628, 0.4118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9231, 0.4134, 0.5026 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(110, 112, 9)` looks like.

```
.text, #text, p{  
    color:rgb(110, 112, 9)  
}
```

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(110, 112, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 112, 9) }
```

Border

The CSS property to change the border of an element to Yxy 14.9231, 0.4134, 0.5026 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(110, 112, 9) }
```

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

```
.border{ border-color:rgb(110, 112, 9) }
```

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

Here you see how a box with a 4 pixel rgb(110, 112, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 112, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 112, 9);  
box-shadow:4px 4px 4px 4px rgb(110, 112,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9231, 0.4134, 0.5026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 112, 9) }
```

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

```
.background{ background-color: rgb(110,  
112, 9) }
```

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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