

Converting Colors

$Y_{xy}(14.2614, 0.4591, 0.4632)$

Have a look what the booklet for
Yxy(14.2614, 0.4591, 0.4632)
contains.

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Color

Yxy(14.3571, 0.4584, 0.4639)

Conversions

Conversions Part 1

Format	Color
Hex	83660D
RGB	131, 102, 13
RGB Percent	51%, 40%, 5%
CMY	0.4862, 0.6000, 0.9489
CMYK	0.00, 0.22, 0.90, 0.49
HSL	45°, 82%, 28%
HSV	45°, 90%, 51%
XYZ	14.1869, 14.3571, 2.4047
YIQ	100.5250, 45.8530, -21.5310

Conversions

Conversions Part 2

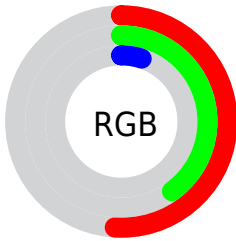
Format	Color
R_{YB}	51, 131, 13
Decimal	8611341
CIE Lab	44.74, 3.41, 48.61
CIE LCh	45, 48.732, 85.982
Yxy	14.3571, 0.4584, 0.4639
Android (android.graphics.Color)	4286801421 (0xFF83660D)
YUV	100.5250, -43.1498, 26.7266
Hunter-Lab	37.8908, 0.5243, 22.7607

Details

The Yxy color **14.3571, 0.4584, 0.4639** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.3844, 0.1679, 0.1115**, and the grayscale version is **12.9907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8791, 0.4297, 0.4393**, and **4.4061, 0.4712, 0.4640** is the 20% darker color. If you saturate the color by 10%, you get **13.7113, 0.4690, 0.4658**, and if you desaturate by 10%, it is **15.0497, 0.4460, 0.4589**.

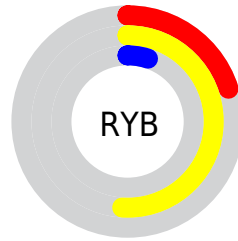
Distribution



Red (51%)

Green (40%)

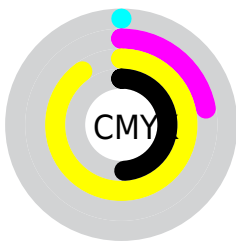
Blue (5%)



Red (20%)

Yellow (51%)

Blue (5%)

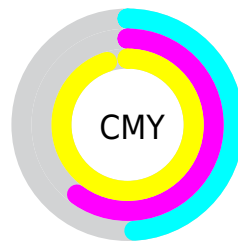


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (49%)



Cyan (49%)


Magenta (60%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3571, 0.4584, 0.4639 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 14.3571, 0.4584, 0.4639 by changing the saturation by 10% instead.


 14.3571, 0.4584,
0.4639


 14.3571, 0.4584,
0.4639


219.4412, 0.3786,
0.3921


 8.3695, 0.4764,
0.4785


 33.7213, 0.4295,
0.4388

 4.3322, 0.5017,
0.4983

 47.8667, 0.4183,
0.4288


 1.8611, 0.5064,
0.4936

 65.5001, 0.4089,
0.4202

 0.5248, 0.5259,
0.4741


 87.0059, 0.4009,
0.4129


 0.0000, 0.0000,
0.0000


 112.7685, 0.3941,
0.4066


 143.1723, 0.3882,

0.4011


 178.6018, 0.3831,
0.3963


 14.3571, 0.4584,
0.4639

 14.3571, 0.4584,
0.4639

 13.7113, 0.4690,
0.4658

 15.0497, 0.4460,
0.4589

 15.7934, 0.4311,
0.4496

 16.5922, 0.4144,
0.4366

 17.4494, 0.3967,
0.4208

 18.3676, 0.3786,
0.4031

■ 19.3493, 0.3608,
0.3845

■ 20.3967, 0.3437,
0.3656

■ 21.5121, 0.3277,
0.3470

■ 22.6975, 0.3128,
0.3291

Harmonies

Analogous

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



14.3571, 0.5053, 0.3950



14.3571, 0.4584, 0.4639



14.3571, 0.3775, 0.5126

Triad

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



14.3571, 0.4584, 0.4639



14.3571, 0.1591, 0.2900



14.3571, 0.3149, 0.2154

Complementary

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



14.3571, 0.4584, 0.4639



3.3844, 0.1679, 0.1115

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.



14.3571, 0.2265, 0.1884



14.3571, 0.4584, 0.4639



14.3571, 0.1492, 0.2183

Square

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



14.3571, 0.4584, 0.4639



14.3571, 0.2054, 0.4002



14.3571, 0.1714, 0.1876



14.3571, 0.4188, 0.2643

Rectangle

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



14.3571, 0.4584, 0.4639



14.3571, 0.3159, 0.5115



14.3571, 0.1714, 0.1876



14.3571, 0.2822, 0.2037

Sweetspot

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



14.3578, 0.4584, 0.4639



35.0839, 0.3565, 0.3799



5.2864, 0.5532, 0.2944



8.0462, 0.3615, 0.3853



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.3578, 0.4584, 0.4639



24.2944, 0.4704, 0.4647



19.0649, 0.3780, 0.5292



5.2342, 0.3262, 0.3453



13.4959, 0.4690, 0.4658



0.0582, 0.4420, 0.4873

Inverse Universe

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



3.3844, 0.1679, 0.1115



4.5926, 0.1580, 0.0889



2.4309, 0.1780, 0.0829



4.7170, 0.2992, 0.3122



2.6457, 0.1590, 0.0925



0.0192, 0.1794, 0.1658

Previews

White Background



This preview shows how the Yxy color 14.3571, 0.4584, 0.4639 looks on a white background.

Color Contrast Check

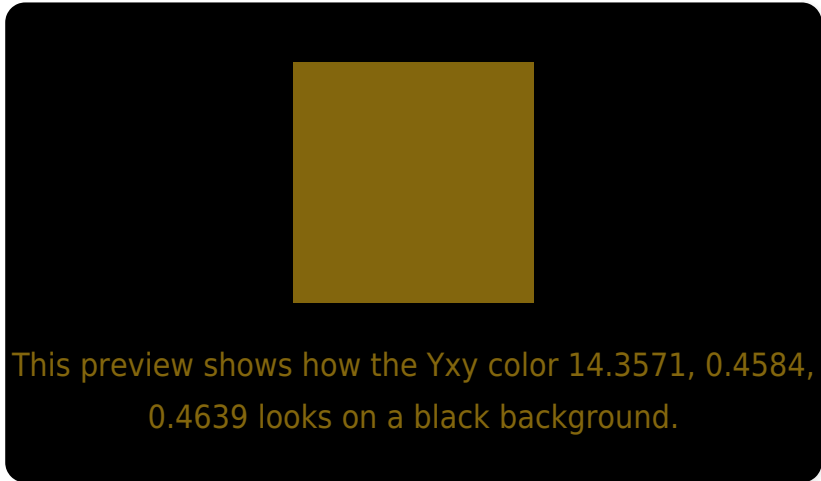
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3571, 0.4584, 0.4639

Background



This preview shows how black text looks on a background with the Yxy color 14.3571, 0.4584, 0.4639.



This preview shows how white text looks on a background with the Yxy color 14.3571, 0.4584, 0.4639.

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

14.3571, 0.4584, 0.4639

Protanopia

14.3328, 0.4354, 0.4808

Deuteranopia

14.4074, 0.4638, 0.4588



Tritanopia

14.3780, 0.3659, 0.3161

Trichromacy



Original Color

14.3571, 0.4584, 0.4639

Protanomaly

14.4199, 0.4429, 0.4751

Deuteranomaly

14.3256, 0.4624, 0.4599

Tritanomaly

14.2459, 0.4104, 0.3821

Monochromacy



Original Color

14.3571, 0.4584, 0.4639

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.1818, 0.3748, 0.3981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3571, 0.4584, 0.4639 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(131, 102, 13)` looks like.

```
.text, #text, p{  
    color:rgb(131, 102, 13)  
}
```

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(131, 102, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 102, 13) }
```

Border

The CSS property to change the border of an element to Yxy 14.3571, 0.4584, 0.4639 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(131, 102, 13) }
```

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

```
.border{ border-color:rgb(131, 102, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 102, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 102, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 102, 13);  
box-shadow:4px 4px 4px 4px rgb(131, 102,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3571, 0.4584, 0.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 102, 13) }
```

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

```
.background{ background-color: rgb(131,  
102, 13) }
```

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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