

Converting Colors

$Y_{xy}(14.1811, 0.4499, 0.4527)$

Have a look what the booklet for
Yxy(14.1811, 0.4499, 0.4527)
contains.

Yxy(14.1323, 0.4504, 0.4528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1323, 0.4504, 0.4528)

Conversions

Conversions Part 1

Format	Color
Hex	82651B
RGB	130, 101, 27
RGB Percent	51%, 40%, 11%
CMY	0.4902, 0.6039, 0.8943
CMYK	0.00, 0.22, 0.79, 0.49
HSL	43°, 66%, 31%
HSV	43°, 79%, 51%
XYZ	14.0574, 14.1323, 3.0212
YIQ	101.2350, 41.0380, -16.8660

Conversions

Conversions Part 2

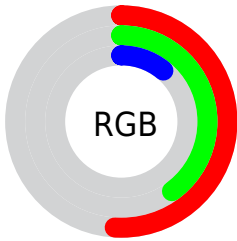
Format	Color
RYB	67, 130, 27
Decimal	8545563
CIELab	44.42, 3.98, 43.63
CIELCh	44, 43.808, 84.789
Yxy	14.1323, 0.4504, 0.4528
Android (android.graphics.Color)	4286735643 (0xFF82651B)
YUV	101.2350, -36.5979, 25.2269
Hunter-Lab	37.5930, 0.9601, 21.5501

Details

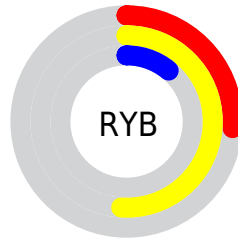
The Yxy color **14.1323, 0.4504, 0.4528** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.6686, 0.1826, 0.1447**, and the grayscale version is **13.1658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4314, 0.4208, 0.4286**, and **4.3102, 0.4742, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **13.3909, 0.4644, 0.4576**, and if you desaturate by 10%, it is **14.9334, 0.4340, 0.4437**.

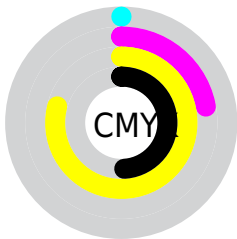
Distribution



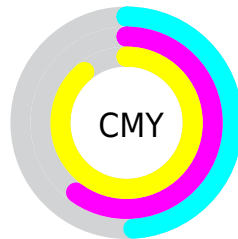
- Red (51%)
- Green (40%)
- Blue (11%)



- Red (26%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (79%)
- Black (49%)





- Cyan (49%)
- Magenta (60%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1323, 0.4504, 0.4528 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 14.1323, 0.4504, 0.4528 by changing the saturation by 10% instead.


 14.1323, 0.4504,
0.4528


 14.1323, 0.4504,
0.4528


 218.0523, 0.3731,
0.3854


 8.2127, 0.4694,
0.4677


 33.3236, 0.4214,
0.4284


 4.2314, 0.5042,
0.4958

 47.3641, 0.4106,
0.4190

 1.8038, 0.5097,
0.4903

 64.8804, 0.4016,
0.4111

 0.4896, 0.5346,
0.4654

 86.2569, 0.3940,
0.4043

 0.0000, 0.0000,
0.0000

 111.8779, 0.3876,
0.3986

 142.1279, 0.3821,

0.3936

177.3912, 0.3773,
0.3892

14.1323, 0.4504,
0.4528

14.1323, 0.4504,
0.4528

13.3909, 0.4644,
0.4576

14.9334, 0.4340,
0.4437

12.6978, 0.4766,
0.4589

15.7956, 0.4160,
0.4310

12.6480, 0.4775,
0.4590

16.7227, 0.3972,
0.4156

17.7175, 0.3783,
0.3985

18.7825, 0.3600,
0.3805

■ 19.9200, 0.3427,
0.3625

■ 21.1324, 0.3265,
0.3447

■ 22.4216, 0.3117,
0.3278

■ 23.7898, 0.2982,
0.3118

Harmonies

Analogous

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



14.1323, 0.4896, 0.3902



14.1323, 0.4504, 0.4528



14.1323, 0.3777, 0.4949

Triad

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



14.1323, 0.4504, 0.4528



14.1323, 0.1726, 0.2985



14.1323, 0.3117, 0.2229

Complementary

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



14.1323, 0.4504, 0.4528



4.6686, 0.1826, 0.1447

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.



14.1323, 0.2314, 0.1985



14.1323, 0.4504, 0.4528



14.1323, 0.1612, 0.2304

Square

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



14.1323, 0.4504, 0.4528



14.1323, 0.2179, 0.3973



14.1323, 0.1809, 0.1993



14.1323, 0.4054, 0.2680

Rectangle

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



14.1323, 0.4504, 0.4528



14.1323, 0.3212, 0.4933



14.1323, 0.1809, 0.1993



14.1323, 0.2822, 0.2122

Sweetspot

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



14.1330, 0.4504, 0.4528



34.0050, 0.3517, 0.3720



5.8151, 0.5039, 0.2841



7.5626, 0.3569, 0.3774



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.



14.1330, 0.4504, 0.4528



22.6175, 0.4735, 0.4581



19.2129, 0.3817, 0.5120



4.8212, 0.3262, 0.3444



12.1387, 0.4774, 0.4591



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.6686, 0.1826, 0.1447



5.4765, 0.1641, 0.1058



3.0539, 0.1890, 0.1012



4.3936, 0.2993, 0.3131



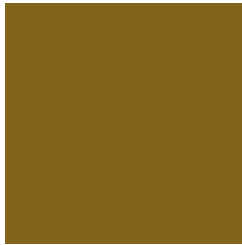
2.8000, 0.1613, 0.1006



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.1323, 0.4504, 0.4528 looks on a white background.

Color Contrast Check

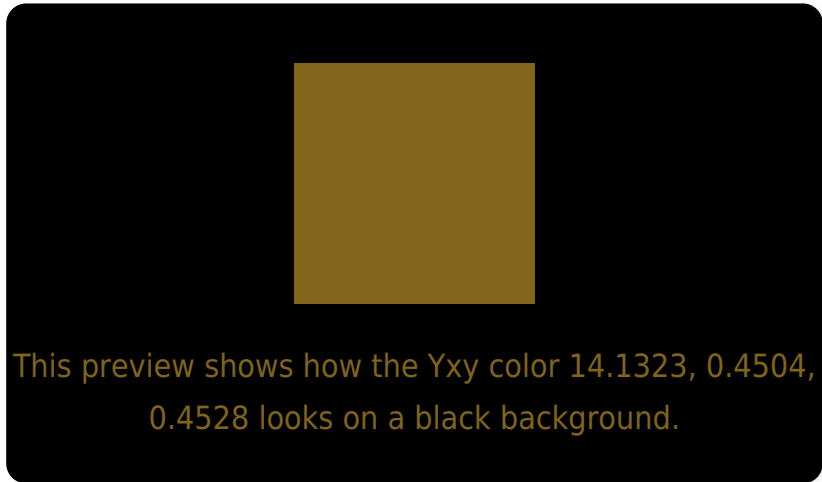
Large Text (above 18pt) WCAG AA ✓ Pass

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

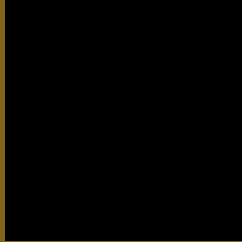
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1323, 0.4504, 0.4528

Background



This preview shows how black text looks on a background with the Yxy color 14.1323, 0.4504, 0.4528.



This preview shows how white text looks on a background with the Yxy color 14.1323, 0.4504, 0.4528.

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

14.1323, 0.4504, 0.4528

Protanopia

14.2435, 0.4243, 0.4709

Deuteranopia

14.0990, 0.4548, 0.4494



Tritanopia

14.0959, 0.3664, 0.3160

Trichromacy



Original Color

14.1323, 0.4504, 0.4528

Protanomaly

14.1220, 0.4332, 0.4640

Deuteranomaly

14.0188, 0.4534, 0.4503

Tritanomaly

14.0303, 0.4038, 0.3731

Monochromacy



Original Color

14.1323, 0.4504, 0.4528

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.2465, 0.3677, 0.3874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1323, 0.4504, 0.4528 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(130, 101, 27)` looks like.

```
.text, #text, p{  
    color:rgb(130, 101, 27)  
}
```

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(130, 101, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 101, 27) }
```

Border

The CSS property to change the border of an element to Yxy 14.1323, 0.4504, 0.4528 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(130, 101, 27) }
```

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

```
.border{ border-color:rgb(130, 101, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 101, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 101, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 101, 27);  
box-shadow:4px 4px 4px 4px rgb(130, 101,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1323, 0.4504, 0.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 101, 27) }
```

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

```
.background{ background-color: rgb(130,  
101, 27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor