

Converting Colors

$Y_{xy}(14.9231, 0.4289, 0.4297)$

Have a look what the booklet for
Yxy(14.9231, 0.4289, 0.4297)
contains.

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Color

Yxy(14.9393, 0.4280, 0.4308)

Conversions

Conversions Part 1

Format	Color
Hex	836830
RGB	131, 104, 48
RGB Percent	51%, 41%, 19%
CMY	0.4863, 0.5921, 0.8118
CMYK	0.00, 0.21, 0.63, 0.49
HSL	40°, 46%, 35%
HSV	40°, 63%, 51%
XYZ	14.8422, 14.9393, 4.8965
YIQ	105.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

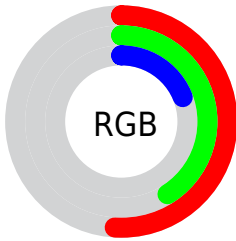
Format	Color
RYB	88, 131, 48
Decimal	8611888
CIELab	45.55, 3.94, 35.00
CIELCh	46, 35.222, 83.569
Yxy	14.9393, 0.4280, 0.4308
Android (android.graphics.Color)	4286801968 (0xFF836830)
YUV	105.6890, -28.4407, 22.1977
Hunter-Lab	38.6514, 0.9044, 19.5448

Details

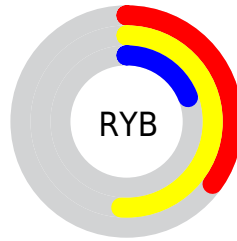
The Yxy color **14.9393, 0.4280, 0.4308** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.2945, 0.2083, 0.1941**, and the grayscale version is **14.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7263, 0.4020, 0.4096**, and **4.5885, 0.4728, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **14.0117, 0.4471, 0.4414**, and if you desaturate by 10%, it is **15.9436, 0.4080, 0.4172**.

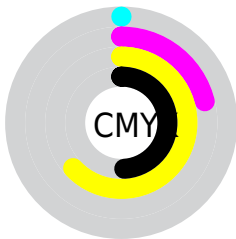
Distribution



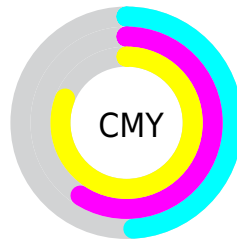
- Red (51%)
- Green (41%)
- Blue (19%)



- Red (35%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (63%)
- Black (49%)





- Cyan (49%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9393, 0.4280, 0.4308 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 14.9393, 0.4280, 0.4308 by changing the saturation by 10% instead.


 14.9393, 0.4280,
0.4308


 14.9393, 0.4280,
0.4308


222.9985, 0.3618,
0.3738


 8.7768, 0.4464,
0.4455

 34.7467, 0.4021,
0.4091


 4.5959, 0.4714,
0.4646

 49.1603, 0.3929,
0.4012


 2.0122, 0.5087,
0.4913

 67.0931, 0.3853,
0.3946

 0.6145, 0.5254,
0.4746

 88.9295, 0.3790,
0.3891

 0.0000, 0.0000,
0.0000

 115.0538, 0.3737,
0.3844

 145.8505, 0.3691,

0.3804

181.7040, 0.3652,
0.3769

■ 14.9393, 0.4280,
0.4308

■ 14.9393, 0.4280,
0.4308

■ 14.0117, 0.4471,
0.4414

■ 15.9436, 0.4080,
0.4172

■ 13.1550, 0.4645,
0.4480

■ 17.0256, 0.3879,
0.4015

■ 12.3659, 0.4792,
0.4501

■ 18.1889, 0.3685,
0.3847

■ 11.8711, 0.4886,
0.4503

■ 19.4363, 0.3502,
0.3675

■ 20.7701, 0.3332,
0.3506

■ 22.1929, 0.3176,
0.3343

■ 23.7069, 0.3035,
0.3189

■ 25.3142, 0.2909,
0.3044

■ 27.0169, 0.2796,
0.2910

Harmonies

Analogous

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



14.9393, 0.4551, 0.3814



14.9393, 0.4280, 0.4308



14.9393, 0.3712, 0.4600

Triad

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



14.9393, 0.4280, 0.4308



14.9393, 0.1996, 0.3099



14.9393, 0.3100, 0.2406

Complementary

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



14.9393, 0.4280, 0.4308



7.2945, 0.2083, 0.1941

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.



14.9393, 0.2453, 0.2210



14.9393, 0.4280, 0.4308



14.9393, 0.1877, 0.2527

Square

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



14.9393, 0.4280, 0.4308



14.9393, 0.2397, 0.3856



14.9393, 0.2033, 0.2238



14.9393, 0.3836, 0.2783

Rectangle

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



14.9393, 0.4280, 0.4308



14.9393, 0.3255, 0.4567



14.9393, 0.2033, 0.2238



14.9393, 0.2865, 0.2318

Sweetspot

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



14.9400, 0.4280, 0.4308



35.7326, 0.3433, 0.3608



7.4545, 0.4375, 0.2786



8.1835, 0.3476, 0.3650



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.



14.9400, 0.4280, 0.4308



24.4080, 0.4550, 0.4449



20.2349, 0.3802, 0.4807



5.1746, 0.3264, 0.3436



11.6927, 0.4885, 0.4503



0.0538, 0.4512, 0.4799

Inverse Universe

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



7.2945, 0.2083, 0.1941



9.6248, 0.1872, 0.1586



4.7700, 0.2102, 0.1407



4.7736, 0.2992, 0.3139



3.2884, 0.1641, 0.1108



0.0236, 0.1866, 0.1915

Previews

White Background



This preview shows how the Yxy color 14.9393, 0.4280, 0.4308 looks on a white background.

Color Contrast Check

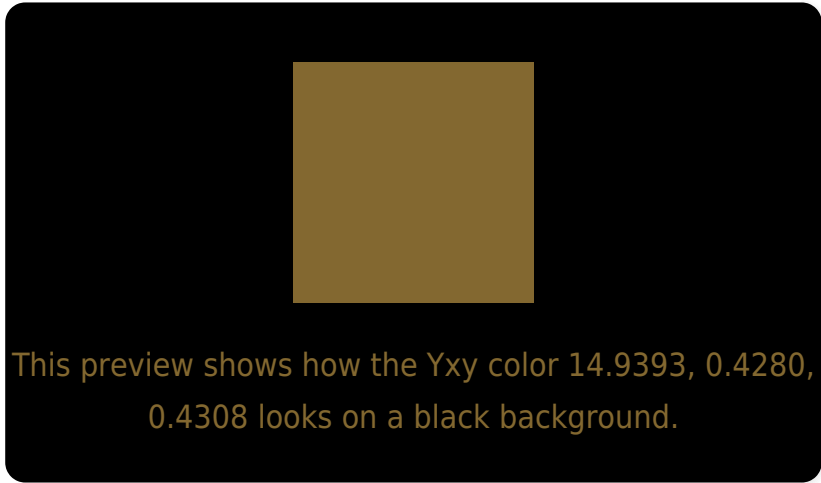
Large Text (above 18pt) WCAG AA ✓ Pass

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

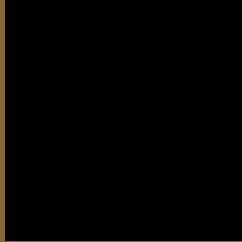
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9393, 0.4280, 0.4308

Background



This preview shows how black text looks on a background with the Yxy color 14.9393, 0.4280, 0.4308.



This preview shows how white text looks on a background with the Yxy color 14.9393, 0.4280, 0.4308.

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

14.9393, 0.4280, 0.4308

Protanopia

14.9399, 0.4058, 0.4437

Deuteranopia

14.9822, 0.4337, 0.4270



Tritanopia

14.9062, 0.3585, 0.3160

Trichromacy



Original Color

14.9393, 0.4280, 0.4308

Protanomaly

15.0222, 0.4129, 0.4392

Deuteranomaly

14.9004, 0.4322, 0.4277

Tritanomaly

14.8228, 0.3879, 0.3596

Monochromacy



Original Color

14.9393, 0.4280, 0.4308

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.4039, 0.3545, 0.3711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9393, 0.4280, 0.4308 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, 104, 48)` looks like.

```
.text, #text, p{  
    color:rgb(131, 104, 48)  
}
```

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, 104, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 104, 48) }
```

Border

The CSS property to change the border of an element to Yxy 14.9393, 0.4280, 0.4308 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, 104, 48) }
```

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

```
.border{ border-color:rgb(131, 104, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 104, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 104, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 104, 48);  
box-shadow:4px 4px 4px 4px rgb(131, 104,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9393, 0.4280, 0.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 104, 48) }
```

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

```
.background{ background-color: rgb(131,  
104, 48) }
```

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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