

Converting Colors

$Y_{xy}(14.4089, 0.4800, 0.3594)$

Have a look what the booklet for
Yxy(14.4089, 0.4800, 0.3594)
contains.

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Color

Yxy(14.4379, 0.4800, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	A4533F
RGB	164, 83, 63
RGB Percent	64%, 33%, 25%
CMY	0.3569, 0.6745, 0.7530
CMYK	0.00, 0.49, 0.62, 0.36
HSL	12°, 45%, 45%
HSV	12°, 62%, 64%
XYZ	19.2988, 14.4379, 6.4691
YIQ	104.9390, 54.6960, 10.9520

Conversions

Conversions Part 2

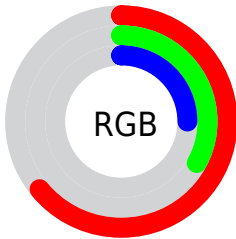
Format	Color
RYB	164, 88, 63
Decimal	10769215
CIELab	44.85, 31.57, 26.88
CIElCh	45, 41.467, 40.409
Yxy	14.4379, 0.4800, 0.3591
Android (android.graphics.Color)	4288959295 (0xFFA4533F)
YUV	104.9390, -20.6759, 51.7965
Hunter-Lab	37.9972, 24.1649, 16.5038

Details

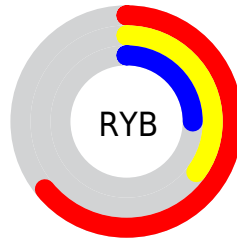
The Yxy color **14.4379, 0.4800, 0.3591** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.6708, 0.2308, 0.2919**, and the grayscale version is **14.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8859, 0.4399, 0.3564**, and **4.3784, 0.5513, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **12.4570, 0.5208, 0.3605**, and if you desaturate by 10%, it is **16.8565, 0.4415, 0.3556**.

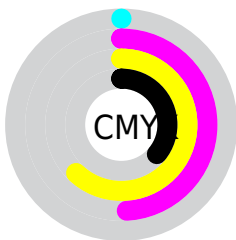
Distribution



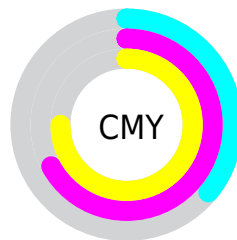
- Red (64%)
- Green (33%)
- Blue (25%)



- Red (64%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (36%)




- Cyan (36%)
- Magenta (67%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4379, 0.4800, 0.3591 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 14.4379, 0.4800, 0.3591 by changing the saturation by 10% instead.


 14.4379, 0.4800,
0.3591


 14.4379, 0.4800,
0.3591


 219.9383, 0.3804,
0.3471


 8.4259, 0.5108,
0.3589


 33.8640, 0.4395,
0.3564


 4.3686, 0.5535,
0.3551

 48.0469, 0.4256,
0.3548

 1.8818, 0.6430,
0.3570

 65.7222, 0.4143,
0.3532

 0.5374, 0.7172,
0.2828

 87.2742, 0.4051,
0.3518

 0.0000, 1.0000,
0.0000

 113.0875, 0.3974,
0.3505

 0.0000, 0.0000,
0.0000

 143.5463, 0.3909,

0.3492

179.0351, 0.3853,
0.3481

■ 14.4379, 0.4800,
0.3591

■ 14.4379, 0.4800,
0.3591

■ 12.4570, 0.5208,
0.3605

■ 16.8565, 0.4415,
0.3556

■ 10.8848, 0.5604,
0.3589

■ 19.7348, 0.4072,
0.3508

■ 9.6924, 0.5942,
0.3539

■ 23.0961, 0.3778,
0.3454

■ 8.9531, 0.6167,
0.3486

■ 26.9613, 0.3530,
0.3400

■ 31.3503, 0.3323,
0.3347

■ 36.2816, 0.3152,
0.3298

■ 41.7731, 0.3009,
0.3252

■ 47.8416, 0.2891,
0.3210

■ 54.5034, 0.2792,
0.3172

Harmonies

Analogous

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



14.4379, 0.4393, 0.2996



14.4379, 0.4800, 0.3591



14.4379, 0.4665, 0.4203

Triad

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



14.4379, 0.4800, 0.3591



14.4379, 0.2551, 0.4354



14.4379, 0.2089, 0.2020

Complementary

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



14.4379, 0.4800, 0.3591



23.6708, 0.2308, 0.2919

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.



14.4379, 0.1747, 0.2164



14.4379, 0.4800, 0.3591



14.4379, 0.1966, 0.3435

Square

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



14.4379, 0.4800, 0.3591



14.4379, 0.3337, 0.4856



14.4379, 0.1700, 0.2628



14.4379, 0.2727, 0.2141

Rectangle

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



14.4379, 0.4800, 0.3591



14.4379, 0.4329, 0.4570



14.4379, 0.1700, 0.2628



14.4379, 0.1942, 0.2036

Sweetspot

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



14.4387, 0.4800, 0.3591



51.4335, 0.3458, 0.3382



13.5035, 0.3466, 0.2105



10.7790, 0.3519, 0.3397



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.4387, 0.4800, 0.3591



21.4456, 0.5362, 0.3603



24.7544, 0.4261, 0.4313



7.3029, 0.3280, 0.3335



6.9217, 0.6152, 0.3498



0.2040, 0.5552, 0.3973

Inverse Universe

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



23.6708, 0.2308, 0.2919



39.4678, 0.2192, 0.2821



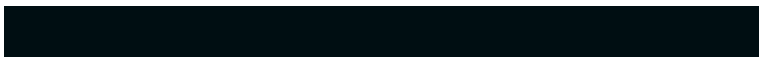
11.9146, 0.2088, 0.1938



7.7715, 0.2988, 0.3244



14.6674, 0.2071, 0.2654



0.3657, 0.2141, 0.2909

Previews

White Background



This preview shows how the Yxy color 14.4379, 0.4800, 0.3591 looks on a white background.

Color Contrast Check

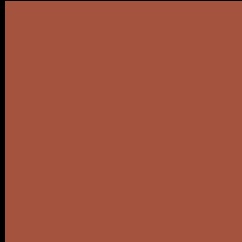
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4379, 0.4800, 0.3591 looks on a 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 14.4379, 0.4800, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 14.4379, 0.4800, 0.3591.



This preview shows how white text looks on a background with the Yxy color 14.4379, 0.4800, 0.3591.

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

14.4379, 0.4800, 0.3591

Protanopia

14.6963, 0.3727, 0.4018

Deuteranopia

14.5643, 0.4156, 0.4105



Tritanopia

14.4085, 0.4459, 0.3202

Trichromacy



Original Color

14.4379, 0.4800, 0.3591

Protanomaly

14.1516, 0.4104, 0.3842

Deuteranomaly

14.2614, 0.4400, 0.3907

Tritanomaly

14.4343, 0.4590, 0.3340

Monochromacy



Original Color

14.4379, 0.4800, 0.3591

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.7232, 0.3682, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4379, 0.4800, 0.3591 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(164, 83, 63)` looks like.

```
.text, #text, p{  
    color:rgb(164, 83, 63)  
}
```

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(164, 83, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 83, 63) }
```

Border

The CSS property to change the border of an element to Yxy 14.4379, 0.4800, 0.3591 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(164, 83, 63) }
```

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

```
.border{ border-color:rgb(164, 83, 63) }
```

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

Here you see how a box with a 4 pixel rgb(164, 83, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 83, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 83, 63);  
box-shadow:4px 4px 4px 4px rgb(164, 83,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4379, 0.4800, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 83, 63) }
```

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

```
.background{ background-color: rgb(164, 83,  
63) }
```

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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