

Converting Colors

$Y_{xy}(14.3830, 0.5190, 0.3947)$

Have a look what the booklet for
Yxy(14.3830, 0.5190, 0.3947)
contains.

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Color

Yxy(14.4443, 0.5184, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	A55420
RGB	165, 84, 32
RGB Percent	65%, 33%, 13%
CMY	0.3530, 0.6705, 0.8744
CMYK	0.00, 0.49, 0.81, 0.35
HSL	23°, 67%, 39%
HSV	23°, 81%, 65%
XYZ	18.9472, 14.4443, 3.1579
YIQ	102.2910, 64.9680, 1.0000

Conversions

Conversions Part 2

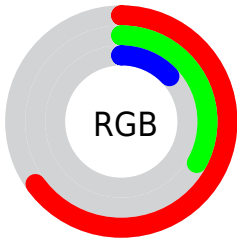
Format	Color
RYB	165, 117, 32
Decimal	10834976
CIELab	44.86, 29.74, 43.49
CIELCh	45, 52.685, 55.634
Yxy	14.4443, 0.5184, 0.3952
Android (android.graphics.Color)	4289025056 (0xFFA55420)
YUV	102.2910, -34.6535, 54.9958
Hunter-Lab	38.0057, 22.4787, 21.6776

Details

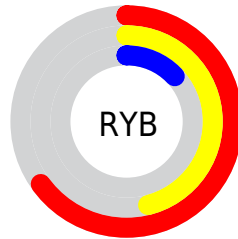
The Yxy color **14.4443, 0.5184, 0.3952** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.8365, 0.2018, 0.2252**, and the grayscale version is **13.4486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9147, 0.4729, 0.3896**, and **4.3876, 0.5783, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **12.9268, 0.5471, 0.3918**, and if you desaturate by 10%, it is **16.2321, 0.4867, 0.3937**.

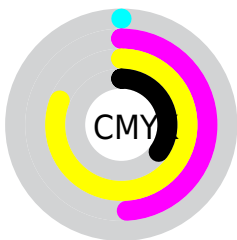
Distribution



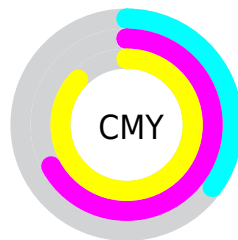
- Red (65%)
- Green (33%)
- Blue (13%)



- Red (65%)
- Yellow (46%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)
- Black (35%)





- Cyan (35%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4443, 0.5184, 0.3952 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 14.4443, 0.5184, 0.3952 by changing the saturation by 10% instead.


 14.4443, 0.5184,
0.3952


 14.4443, 0.5184,
0.3952


219.9776, 0.4002,
0.3682


 8.4303, 0.5499,
0.3950


 33.8753, 0.4728,
0.3891


 4.3715, 0.6028,
0.3972

 48.0612, 0.4563,
0.3855


 1.8835, 0.6352,
0.3648

 65.7397, 0.4427,
0.3819

 0.5384, 0.7076,
0.2924

 87.2955, 0.4313,
0.3786

 0.0000, 1.0000,
0.0000


 113.1127, 0.4217,
0.3756

 0.0000, 0.0000,
0.0000


 143.5759, 0.4135,


0.3729

 179.0694, 0.4064,
0.3704


 14.4443, 0.5184,
0.3952


 14.4443, 0.5184,
0.3952

 12.9268, 0.5471,
0.3918

 16.2321, 0.4867,
0.3937

 11.7222, 0.5708,
0.3850

 18.3028, 0.4546,
0.3882

 20.6705, 0.4239,
0.3800

 23.3477, 0.3958,
0.3703

 26.3460, 0.3707,
0.3598

■ 29.6763, 0.3488,
0.3493

■ 33.3492, 0.3299,
0.3391

■ 37.3743, 0.3136,
0.3295

■ 41.7614, 0.2996,
0.3206

Harmonies

Analogous

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



14.4443, 0.5071, 0.3238



14.4443, 0.5184, 0.3952



14.4443, 0.4669, 0.4694

Triad

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



14.4443, 0.5184, 0.3952



14.4443, 0.1981, 0.4074



14.4443, 0.2196, 0.1799

Complementary

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



14.4443, 0.5184, 0.3952



14.8365, 0.2018, 0.2252

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.



14.4443, 0.1624, 0.1790



14.4443, 0.5184, 0.3952



14.4443, 0.1498, 0.2869

Square

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



14.4443, 0.5184, 0.3952



14.4443, 0.2826, 0.5122



14.4443, 0.1397, 0.2108



14.4443, 0.3132, 0.2080

Rectangle

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



14.4443, 0.5184, 0.3952



14.4443, 0.4116, 0.5117



14.4443, 0.1397, 0.2108



14.4443, 0.1964, 0.1764

Sweetspot

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



14.4451, 0.5184, 0.3952



50.7846, 0.3569, 0.3533



10.2484, 0.4126, 0.2217



10.6640, 0.3643, 0.3569



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.



14.4451, 0.5184, 0.3952



21.2631, 0.5669, 0.3853



29.7497, 0.4286, 0.4794



7.5190, 0.3276, 0.3378



8.9605, 0.5690, 0.3864



0.2786, 0.5055, 0.4369

Inverse Universe

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



14.8365, 0.2018, 0.2252



21.6741, 0.1890, 0.1986



5.1004, 0.1697, 0.1027



7.5440, 0.2987, 0.3200



9.1213, 0.1884, 0.1982



0.2796, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 14.4443, 0.5184, 0.3952 looks on a white background.

Color Contrast Check

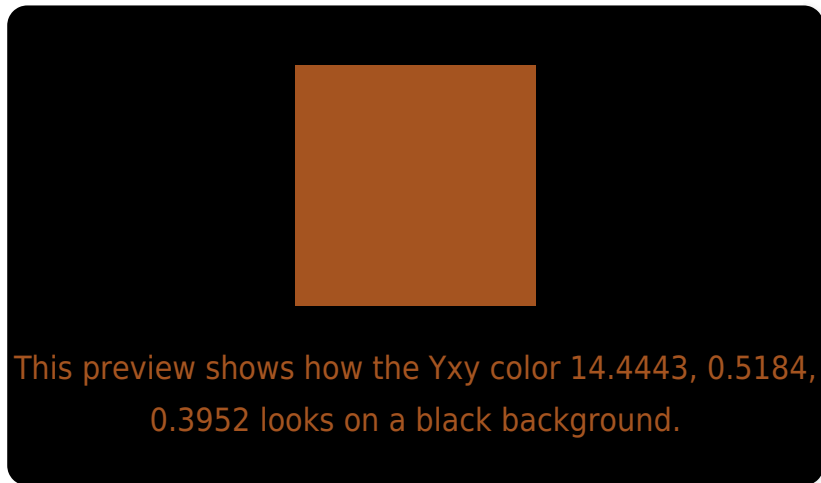
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4443, 0.5184, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 14.4443, 0.5184, 0.3952.



This preview shows how white text looks on a background with the Yxy color 14.4443, 0.5184, 0.3952.

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

14.4443, 0.5184, 0.3952

Protanopia

14.5773, 0.4163, 0.4592

Deuteranopia

14.4459, 0.4575, 0.4508



Tritanopia

14.4475, 0.4530, 0.3219

Trichromacy



Original Color

14.4443, 0.5184, 0.3952

Protanomaly

14.2853, 0.4545, 0.4348

Deuteranomaly

14.2880, 0.4801, 0.4293

Tritanomaly

14.3735, 0.4817, 0.3528

Monochromacy



Original Color

14.4443, 0.5184, 0.3952

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.0802, 0.3881, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4443, 0.5184, 0.3952 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(165, 84, 32)` looks like.

```
.text, #text, p{  
  color:rgb(165, 84, 32)  
}
```

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(165, 84, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 84, 32) }
```

Border

The CSS property to change the border of an element to Yxy 14.4443, 0.5184, 0.3952 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(165, 84, 32) }
```

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

```
.border{ border-color:rgb(165, 84, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 84, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 84, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 84, 32);  
box-shadow:4px 4px 4px 4px rgb(165, 84,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4443, 0.5184, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 84, 32) }
```

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

```
.background{ background-color: rgb(165, 84,  
32) }
```

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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