

Converting Colors

$Yxy(14.4917, 0.5079, 0.3737)$

Have a look what the booklet for
Yxy(14.4917, 0.5079, 0.3737)
contains.

Yxy(14.4231, 0.5085, 0.3737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4231, 0.5085, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	A85130
RGB	168, 81, 48
RGB Percent	66%, 32%, 19%
CMY	0.3411, 0.6824, 0.8117
CMYK	0.00, 0.52, 0.71, 0.34
HSL	16°, 56%, 42%
HSV	16°, 71%, 66%
XYZ	19.6258, 14.4231, 4.5465
YIQ	103.2510, 62.4450, 8.1810

Conversions

Conversions Part 2

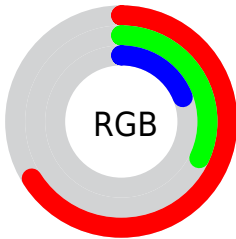
Format	Color
R _Y B	168, 94, 48
Decimal	11030832
CIE Lab	44.83, 33.31, 35.50
CIE LCh	45, 48.684, 46.819
Yxy	14.4231, 0.5085, 0.3737
Android (android.graphics.Color)	4289220912 (0xFFA85130)
YUV	103.2510, -27.2387, 56.7849
Hunter-Lab	37.9778, 25.7823, 19.4865

Details

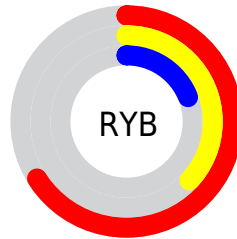
The Yxy color **14.4231, 0.5085, 0.3737** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.7883, 0.2176, 0.2668**, and the grayscale version is **13.6952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8410, 0.4626, 0.3696**, and **4.3502, 0.5890, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **12.6595, 0.5453, 0.3728**, and if you desaturate by 10%, it is **16.5656, 0.4709, 0.3710**.

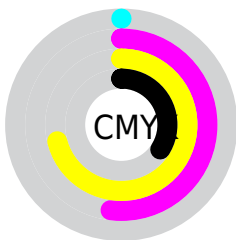
Distribution



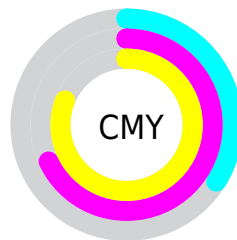
- Red (66%)
- Green (32%)
- Blue (19%)



- Red (66%)
- Yellow (37%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (71%)
- Black (34%)




- Cyan (34%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4231, 0.5085, 0.3737 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 14.4231, 0.5085, 0.3737 by changing the saturation by 10% instead.


 14.4231, 0.5085,
0.3737


 14.4231, 0.5085,
0.3737


219.8473, 0.3936,
0.3565


 8.4155, 0.5417,
0.3728


 33.8379, 0.4628,
0.3703


 4.3620, 0.5886,
0.3682

 48.0139, 0.4468,
0.3679


 1.8780, 0.6503,
0.3497

 65.6815, 0.4337,
0.3656

 0.5351, 0.7261,
0.2739

 87.2251, 0.4229,
0.3635

 0.0000, 1.0000,
0.0000

 113.0291, 0.4138,
0.3615

 0.0000, 0.0000,
0.0000

 143.4778, 0.4061,

0.3596

178.9558, 0.3994,
0.3580

■ 14.4231, 0.5085,
0.3737

■ 14.4231, 0.5085,
0.3737

■ 12.6595, 0.5453,
0.3728

■ 16.5656, 0.4709,
0.3710

■ 11.2489, 0.5778,
0.3677

■ 19.1061, 0.4354,
0.3657

■ 10.2946, 0.6009,
0.3610

■ 22.0651, 0.4034,
0.3589

■ 25.4608, 0.3756,
0.3515

■ 29.3105, 0.3518,
0.3440

■ 33.6303, 0.3318,
0.3368

■ 38.4358, 0.3149,
0.3299

■ 43.7415, 0.3007,
0.3236

■ 49.5615, 0.2888,
0.3178

Harmonies

Analogous

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



14.4231, 0.4764, 0.3068



14.4231, 0.5085, 0.3737



14.4231, 0.4772, 0.4433

Triad

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



14.4231, 0.5085, 0.3737



14.4231, 0.2271, 0.4346



14.4231, 0.2062, 0.1854

Complementary

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



14.4231, 0.5085, 0.3737



20.7883, 0.2176, 0.2668

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.



14.4231, 0.1615, 0.1935



14.4231, 0.5085, 0.3737



14.4231, 0.1695, 0.3208

Square

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



14.4231, 0.5085, 0.3737



14.4231, 0.3134, 0.5101



14.4231, 0.1490, 0.2357



14.4231, 0.2850, 0.2048

Rectangle

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



14.4231, 0.5085, 0.3737



14.4231, 0.4316, 0.4855



14.4231, 0.1490, 0.2357



14.4231, 0.1876, 0.1849

Sweetspot

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



14.4239, 0.5085, 0.3737



53.2126, 0.3517, 0.3440



12.2180, 0.3709, 0.2093



11.1797, 0.3576, 0.3460



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.4239, 0.5085, 0.3737



21.3224, 0.5661, 0.3702



27.2975, 0.4340, 0.4546



7.8656, 0.3279, 0.3353



7.8492, 0.5992, 0.3624



0.2747, 0.5365, 0.4122

Inverse Universe

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



20.7883, 0.2176, 0.2668



33.2190, 0.2056, 0.2503



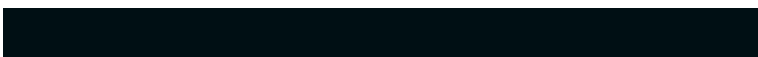
8.6259, 0.1886, 0.1497



8.1781, 0.2987, 0.3227



12.6999, 0.1997, 0.2388



0.3877, 0.2089, 0.2720

Previews

White Background



This preview shows how the Yxy color 14.4231, 0.5085, 0.3737 looks on a white background.

Color Contrast Check

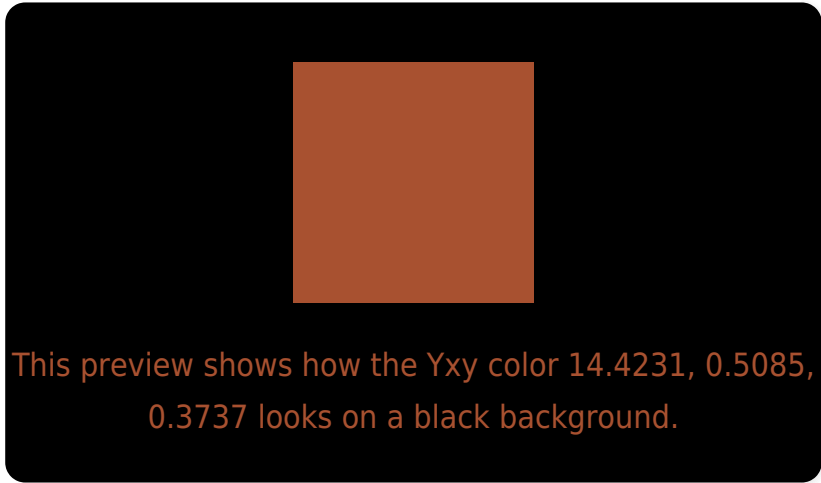
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4231, 0.5085, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 14.4231, 0.5085, 0.3737.



This preview shows how white text looks on a background with the Yxy color 14.4231, 0.5085, 0.3737.

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

14.4231, 0.5085, 0.3737

Protanopia

14.6525, 0.3959, 0.4315

Deuteranopia

14.4683, 0.4403, 0.4315



Tritanopia

14.4630, 0.4623, 0.3221

Trichromacy



Original Color

14.4231, 0.5085, 0.3737

Protanomaly

14.2266, 0.4369, 0.4099

Deuteranomaly

14.3059, 0.4663, 0.4085

Tritanomaly

14.3260, 0.4806, 0.3410

Monochromacy



Original Color

14.4231, 0.5085, 0.3737

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3210, 0.3819, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4231, 0.5085, 0.3737 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(168, 81, 48)` looks like.

```
.text, #text, p{  
    color:rgb(168, 81, 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(168, 81, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 81, 48) }
```

Border

The CSS property to change the border of an element to Yxy 14.4231, 0.5085, 0.3737 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(168, 81, 48) }
```

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

```
.border{ border-color:rgb(168, 81, 48) }
```

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

Here you see how a box with a 4 pixel rgb(168, 81, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 81, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 81, 48);  
box-shadow:4px 4px 4px 4px rgb(168, 81,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4231, 0.5085, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 81, 48) }
```

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

```
.background{ background-color: rgb(168, 81,  
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](#).

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