

Converting Colors

$Y_{xy}(14.7060, 0.5220, 0.3886)$

Have a look what the booklet for
Yxy(14.7060, 0.5220, 0.3886)
contains.

Yxy(14.7429, 0.5214, 0.3890)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.7429, 0.5214, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	A95323
RGB	169, 83, 35
RGB Percent	66%, 33%, 14%
CMY	0.3372, 0.6745, 0.8627
CMYK	0.00, 0.51, 0.79, 0.34
HSL	21°, 66%, 40%
HSV	21°, 79%, 66%
XYZ	19.7608, 14.7429, 3.3958
YIQ	103.2420, 66.6640, 3.3040

Conversions

Conversions Part 2

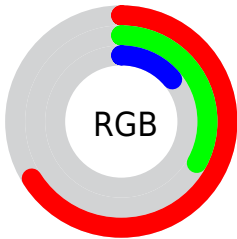
Format	Color
R_{YB}	169, 110, 35
Decimal	11096867
CIE _{Lab}	45.28, 32.07, 42.70
CIE _{LCh}	45, 53.401, 53.095
Yxy	14.7429, 0.5214, 0.3890
Android (android.graphics.Color)	4289286947 (0xFFA95323)
YUV	103.2420, -33.6433, 57.6698
Hunter-Lab	38.3965, 24.6714, 21.6339

Details

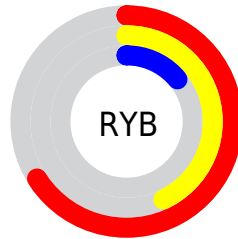
The Yxy color **14.7429, 0.5214, 0.3890** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.9058, 0.2052, 0.2360**, and the grayscale version is **13.7095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3327, 0.4748, 0.3844**, and **4.5236, 0.5867, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **13.1341, 0.5521, 0.3856**, and if you desaturate by 10%, it is **16.6615, 0.4879, 0.3876**.

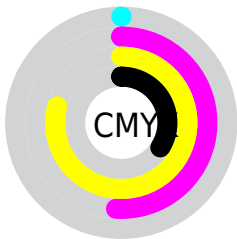
Distribution



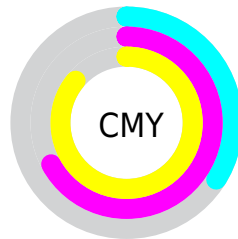
- Red (66%)
- Green (33%)
- Blue (14%)



- Red (66%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (51%)
- Yellow (79%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7429, 0.5214, 0.3890 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 14.7429, 0.5214, 0.3890 by changing the saturation by 10% instead.


 14.7429, 0.5214,
0.3890


 14.7429, 0.5214,
0.3890


221.8047, 0.4014,
0.3657


 8.6391, 0.5536,
0.3880


 34.4015, 0.4750,
0.3843


 4.5066, 0.6065,
0.3882

 48.7252, 0.4583,
0.3812


 1.9608, 0.6432,
0.3568

 66.5576, 0.4445,
0.3781

 0.5845, 0.7116,
0.2884

 88.2831, 0.4329,
0.3751

 0.0000, 1.0000,
0.0000

 114.2862, 0.4232,
0.3724

 0.0000, 0.0000,
0.0000

 144.9513, 0.4149,

0.3700

180.6626, 0.4077,
0.3677

14.7429, 0.5214,
0.3890

14.7429, 0.5214,
0.3890

13.1341, 0.5521,
0.3856

16.6615, 0.4879,
0.3876

11.8082, 0.5782,
0.3781

18.9050, 0.4543,
0.3825

11.7222, 0.5801,
0.3776

21.4899, 0.4226,
0.3748

24.4309, 0.3938,
0.3657

27.7417, 0.3685,
0.3561

■ 31.4352, 0.3465,
0.3464

■ 35.5238, 0.3277,
0.3371

■ 40.0190, 0.3116,
0.3284

■ 44.9321, 0.2980,
0.3203

Harmonies

Analogous

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



14.7429, 0.5039, 0.3178



14.7429, 0.5214, 0.3890



14.7429, 0.4737, 0.4638

Triad

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



14.7429, 0.5214, 0.3890



14.7429, 0.2033, 0.4188



14.7429, 0.2127, 0.1780

Complementary

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



14.7429, 0.5214, 0.3890



16.9058, 0.2052, 0.2360

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.



14.7429, 0.1585, 0.1795



14.7429, 0.5214, 0.3890



14.7429, 0.1514, 0.2953

Square

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



14.7429, 0.5214, 0.3890



14.7429, 0.2905, 0.5187



14.7429, 0.1384, 0.2146



14.7429, 0.3040, 0.2040

Rectangle

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



14.7429, 0.5214, 0.3890



14.7429, 0.4195, 0.5081



14.7429, 0.1384, 0.2146



14.7429, 0.1905, 0.1753

Sweetspot

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



14.7437, 0.5214, 0.3890



52.7975, 0.3574, 0.3514



11.0474, 0.4014, 0.2165



11.0248, 0.3651, 0.3547



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.



14.7437, 0.5214, 0.3890



21.7164, 0.5713, 0.3799



30.0247, 0.4324, 0.4738



7.9656, 0.3277, 0.3371



8.8289, 0.5782, 0.3791



0.3115, 0.5166, 0.4280

Inverse Universe

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



16.9058, 0.2052, 0.2360



25.3616, 0.1931, 0.2126



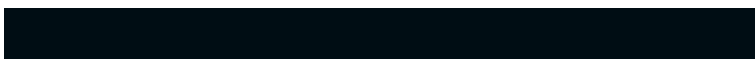
5.9664, 0.1728, 0.1117



8.0733, 0.2987, 0.3207



10.3091, 0.1915, 0.2095



0.3422, 0.2038, 0.2536

Previews

White Background



This preview shows how the Yxy color 14.7429, 0.5214, 0.3890 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 14.7429, 0.5214, 0.3890 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 14.7429, 0.5214, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 14.7429, 0.5214, 0.3890.



This preview shows how white text looks on a background with the Yxy color 14.7429, 0.5214, 0.3890.

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

14.7429, 0.5214, 0.3890

Protanopia

14.8854, 0.4129, 0.4543

Deuteranopia

14.7375, 0.4552, 0.4487



Tritanopia

14.7312, 0.4610, 0.3222

Trichromacy



Original Color

14.7429, 0.5214, 0.3890

Protanomaly

14.4734, 0.4544, 0.4296

Deuteranomaly

14.4864, 0.4803, 0.4250

Tritanomaly

14.6767, 0.4862, 0.3493

Monochromacy



Original Color

14.7429, 0.5214, 0.3890

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.4278, 0.3890, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7429, 0.5214, 0.3890 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(169, 83, 35)` looks like.

```
.text, #text, p{  
    color:rgb(169, 83, 35)  
}
```

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(169, 83, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.7429, 0.5214, 0.3890 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(169, 83, 35) }
```

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

```
.border{ border-color:rgb(169, 83, 35) }
```

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

Here you see how a box with a 4 pixel rgb(169, 83, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 35);  
box-shadow:4px 4px 4px 4px rgb(169, 83,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7429, 0.5214, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 35) }
```

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

```
.background{ background-color: rgb(169, 83,  
35) }
```

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