

Converting Colors

YUV(83.8870, -34.9473,
102.7081)

Have a look what the booklet for
YUV(83.8870, -34.9473, 102.7081)
contains.

YUV(83.8870, -34.9473, 102.7081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(83.8870, -34.9473,
102.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	C9260D
RGB	201, 38, 13
RGB Percent	79%, 15%, 5%
CMY	0.2118, 0.8510, 0.9490
CMYK	0.00, 0.81, 0.94, 0.21
HSL	8°, 88%, 42%
HSV	8°, 94%, 79%
XYZ	24.8532, 13.8328, 1.7409
YIQ	83.8870, 105.1730, 26.7810

Conversions

Conversions Part 2

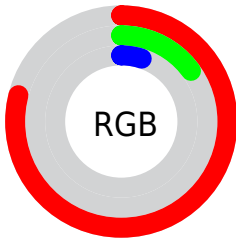
Format	Color
RYB	201, 42, 13
Decimal	13182477
CIELab	43.99, 61.14, 53.05
CIElCh	44, 80.950, 40.946
Yxy	13.8328, 0.6148, 0.3422
Android (android.graphics.Color)	4291372557 (0xFFC9260D)
YUV	83.8870, -34.9473, 102.7081
Hunter-Lab	37.1925, 54.1924, 23.2596

Details

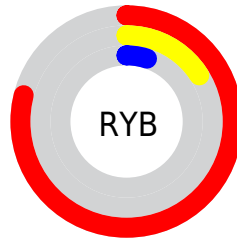
The YUV color **83.8870, -34.9473, 102.7081** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **130.1130, 34.9473, -102.7081**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5400, -38.7202, 99.5044**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **75.9480, -37.4424, 109.6706**, and if you desaturate by 10%, it is **96.1460, -31.1310, 91.9570**.

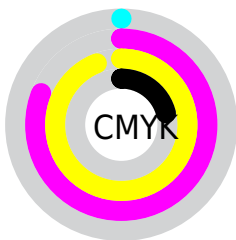
Distribution



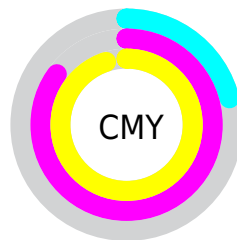
- Red (79%)
- Green (15%)
- Blue (5%)



- Red (79%)
- Yellow (16%)
- Blue (5%)



- Cyan (0%)
- Magenta (81%)
- Yellow (94%)
- Black (21%)





- Cyan (21%)
- Magenta (85%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.8870, -34.9473, 102.7081 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 YUV color 83.8870, -34.9473, 102.7081 by changing the saturation by 10% instead.


 83.8870, -34.9473,
102.7081


 83.8870, -34.9473,
102.7081


 254.4300, -2.1840,
0.4999


 50.5310, -24.9118,
103.8973


 141.5400,
-38.7202, 99.5044

 40.9630, -20.1948,
84.2244


 161.2990,
-36.6294, 82.1758


 31.6940, -15.6251,
65.1664

 180.6990,
-33.3756, 65.1620

 22.8380, -10.7661,
46.6231

 200.6860,
-30.4112, 47.6334


 14.2810, -6.0545,
28.6946


 220.7870,
-27.0100, 30.0048


 0.0000, 0.0000,
0.0000


 240.8880,


-23.6088, 12.3762

 251.1240,
-14.8511, 3.3993


 83.8870, -34.9473,
102.7081

 83.8870, -34.9473,
102.7081

 75.9480, -37.4424,
109.6706

 96.1460, -31.1310,
91.9570

 108.9920,
-27.6041, 80.6910

 121.2510,
-23.7877, 69.9399

 134.0970,
-20.2608, 58.6739

 146.4700,
-16.0077, 47.8228

■ 159.3160,
-12.4808, 36.5569

■ 171.5750, -8.6645,
25.8057

■ 183.8340, -4.8482,
15.0546

■ 196.6800, -1.3212,
3.7886

Harmonies

Analogous

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



74.3450, 4.2669, 125.1084



83.8870, -34.9473, 102.7081



97.4470, -48.0414, 55.7360

Triad

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



83.8870, -34.9473, 102.7081



81.5200, -12.5814, -71.4930



88.8810, 74.0087, -77.9486

Complementary

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



83.8870, -34.9473, 102.7081



130.1130, 34.9473, -102.7081

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.



99.3500, 65.8894, -87.1299



83.8870, -34.9473, 102.7081



91.4890, 17.9999, -80.2359

Square

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



83.8870, -34.9473, 102.7081



71.6140, -35.3057, -62.8055



98.1980, 46.2444, -86.1196



104.1560, 50.7021, 24.4192

Rectangle

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



83.8870, -34.9473, 102.7081



97.5480, -48.0912, 24.9524



98.1980, 46.2444, -86.1196



93.8050, 72.5671, -82.2670

Sweetspot

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



83.8870, -34.9473, 102.7081



210.5120, -13.0704, 39.0160



88.1360, 44.7960, 98.9817



100.6780, -8.2223, 23.9614



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



83.8870, -34.9473, 102.7081



96.2030, -47.4281, 139.2650



137.3040, -61.2819, 55.8614



93.2780, -1.6161, 5.0182



61.6510, -30.3939, 88.8831



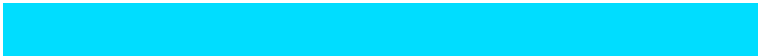
13.6990, -6.7536, 19.5580

Inverse Universe

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



130.1130, 34.9473, -102.7081



158.7970, 47.4281, -139.2650



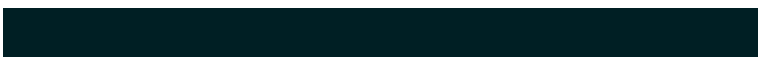
76.6960, 61.2819, -55.8614



95.7220, 1.6161, -5.0182



101.3490, 30.3939, -88.8831



22.3010, 6.7536, -19.5580

Previews

White Background



This preview shows how the YUV color 83.8870, -34.9473, 102.7081 looks on a white background.

Color Contrast Check

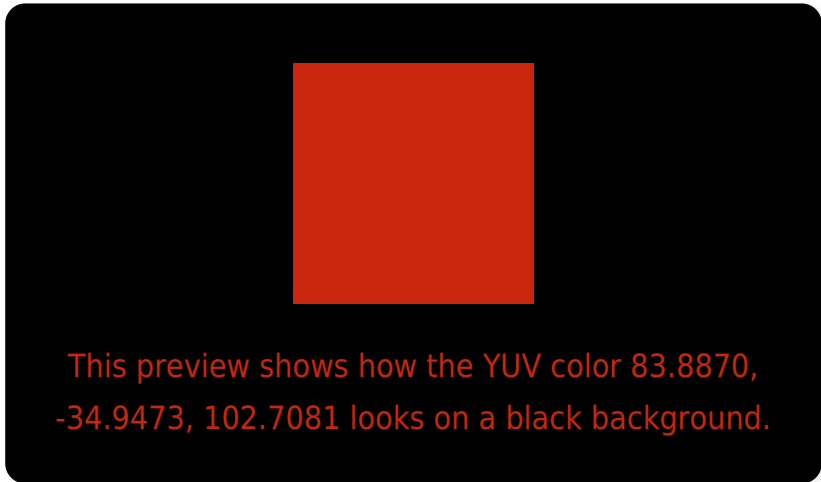
Large Text (above 18pt) WCAG AA ✓ Pass

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

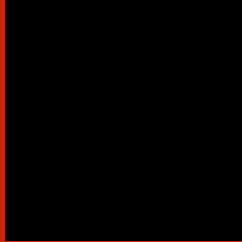
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8870, -34.9473, 102.7081

Background



This preview shows how black text looks on a background with the YUV color 83.8870, -34.9473, 102.7081.



This preview shows how white text looks on a background with the YUV color 83.8870, -34.9473,

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

83.8870, -34.9473, 102.7081

Protanopia

100.2230, -35.1129, 15.5904

Tritanopia

85.2210, -24.7590, 101.5382

Trichromacy



Original Color

83.8870, -34.9473, 102.7081

Protanomaly

94.4210, -35.2106, 46.9888

Tritanomaly

84.8960, -28.5427, 101.8232

Monochromacy



Original Color

83.8870, -34.9473, 102.7081

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9140, -12.7756, 37.7864

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8870, -34.9473, 102.7081 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(201, 38, 13)` looks like.

```
.text, #text, p{  
    color:rgb(201, 38, 13)  
}
```

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(201, 38, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 38, 13) }
```

Border

The CSS property to change the border of an element to YUV 83.8870, -34.9473, 102.7081 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(201, 38, 13) }
```

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

```
.border{ border-color:rgb(201, 38, 13) }
```

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

Here you see how a box with a 4 pixel rgb(201, 38, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 38, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 38, 13);  
box-shadow:4px 4px 4px 4px rgb(201, 38,  
13) }
```


Background

The CSS property to change the background color of an element to YUV 83.8870, -34.9473, 102.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 38, 13) }
```

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

```
.background{ background-color: rgb(201, 38,  
13) }
```

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