

Converting Colors

YUV(103.5170, -37.2299,
88.1236)

Have a look what the booklet for
YUV(103.5170, -37.2299, 88.1236)
contains.

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Color

**YUV(103.5170, -37.2299,
88.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	CC431C
RGB	204, 67, 28
RGB Percent	80%, 26%, 11%
CMY	0.2000, 0.7373, 0.8902
CMYK	0.00, 0.67, 0.86, 0.20
HSL	13°, 76%, 45%
HSV	13°, 86%, 80%
XYZ	27.1186, 16.9355, 2.9382
YIQ	103.5170, 94.1710, 16.9150

Conversions

Conversions Part 2

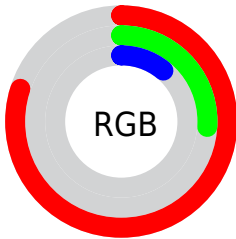
Format	Color
RYB	204, 78, 28
Decimal	13386524
CIELab	48.18, 52.53, 50.66
CIELCh	48, 72.983, 43.963
Yxy	16.9355, 0.5771, 0.3604
Android (android.graphics.Color)	4291576604 (0xFFCC431C)
YUV	103.5170, -37.2299, 88.1236
Hunter-Lab	41.1528, 45.6094, 24.5738

Details

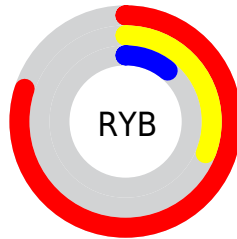
The YUV color **103.5170, -37.2299, 88.1236** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **128.4830, 37.2299, -88.1236**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6370, -39.2610, 86.2644**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **91.8450, -41.3356, 98.3599**, and if you desaturate by 10%, it is **115.1890, -33.1242, 77.8872**.

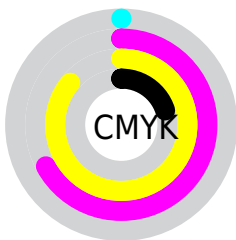
Distribution



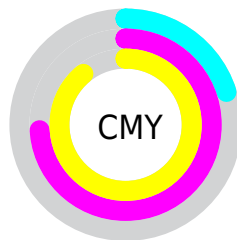
- Red (80%)
- Green (26%)
- Blue (11%)



- Red (80%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (86%)
- Black (20%)



- Cyan (20%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5170, -37.2299, 88.1236 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 103.5170, -37.2299, 88.1236 by changing the saturation by 10% instead.

■ 103.5170,
-37.2299, 88.1236

■ 103.5170,
-37.2299, 88.1236

255.0000, 0.0000,
0.0000

■ 73.8480, -35.9141,
86.0793

■ 156.6370,
-39.2610, 86.2644

■ 42.4580, -20.9318,
87.2983

■ 175.3360,
-36.1546, 69.8653

■ 32.8900, -16.2148,
67.6255

■ 194.7360,
-32.9008, 52.8515

■ 23.9200, -11.7926,
49.1822

■ 214.7230,
-29.9364, 35.3229

■ 16.0750, -6.9390,
32.3832

■ 234.8240,
-26.5352, 17.6944

■ 1.1960, -0.5896,
2.4591

■ 249.7560,

■ 0.0000, 0.0000,

-20.0927, 4.5990

0.0000

253.0620, -7.4256,
1.6996

103.5170,
-37.2299, 88.1236

103.5170,
-37.2299, 88.1236

91.8450, -41.3356,
98.3599

115.1890,
-33.1242, 77.8872

87.4110, -43.0936,
102.2486

126.9750,
-28.5817, 67.5509

138.6470,
-24.4760, 57.3146

150.4330,
-19.9335, 46.9783

161.5180,
-15.5384, 37.2567

■ 173.1900,
-11.4327, 27.0204

■ 184.9760, -6.8902,
16.6840

■ 196.6480, -2.7845,
6.4477

■ 208.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



93.5360, -2.2362, 110.9089



103.5170, -37.2299, 88.1236



107.7470, -53.1193, 51.0879

Triad

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



103.5170, -37.2299, 88.1236



90.4850, -6.1551, -79.3553



93.2350, 70.3831, -81.7671

Complementary

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



103.5170, -37.2299, 88.1236



128.4830, 37.2299, -88.1236

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.



103.5730, 64.3005, -90.8335



103.5170, -37.2299, 88.1236



99.0690, 21.6580, -86.8835

Square

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



103.5170, -37.2299, 88.1236



86.1440, -42.4690, -51.8693



104.2790, 46.6975, -91.4527



116.5390, 43.1183, 30.2223

Rectangle

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



103.5170, -37.2299, 88.1236



106.9730, -52.7377, 21.9487



104.2790, 46.6975, -91.4527



97.6860, 69.6678, -85.6706

Sweetspot

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



103.5170, -37.2299, 88.1236



216.9520, -13.7803, 33.3681



96.3560, 34.3345, 94.4038



105.2430, -8.5008, 19.9579



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.



103.5170, -37.2299, 88.1236



109.7040, -54.0841, 127.4246



154.5860, -62.4069, 43.3361



96.1640, -2.0529, 5.1182



71.3530, -35.1770, 83.0054



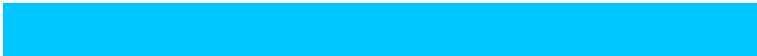
16.0580, -7.9166, 19.2431

Inverse Universe

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



128.4830, 37.2299, -88.1236



145.2960, 54.0841, -127.4246



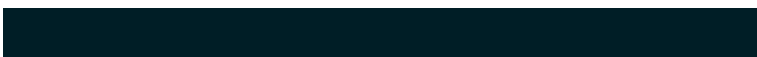
77.4140, 62.4069, -43.3361



97.8360, 2.0529, -5.1182



94.6470, 35.1770, -83.0054



21.9420, 7.9166, -19.2431

Previews

White Background



This preview shows how the YUV color 103.5170, -37.2299, 88.1236 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 YUV color 103.5170, -37.2299, 88.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

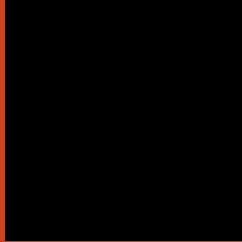
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5170, -37.2299, 88.1236

Background



This preview shows how black text looks on a background with the YUV color 103.5170, -37.2299, 88.1236.



This preview shows how white text looks on a background with the YUV color 103.5170, -37.2299, 88.1236.

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

103.5170, -37.2299, 88.1236

Protanopia

110.6360, -34.8235, 16.1052

Deuteranopia

107.3380, -52.9176, 33.0296



Tritanopia

105.8000, -19.6214, 86.9984

Trichromacy



Original Color

103.5170, -37.2299, 88.1236

Protanomaly

108.2740, -35.6311, 41.8557

Deuteranomaly

105.9520, -47.3043, 52.6621

Tritanomaly

104.7910, -26.0260, 87.8833

Monochromacy



Original Color

103.5170, -37.2299, 88.1236

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9410, -13.7749, 31.6237

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5170, -37.2299, 88.1236 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(204, 67, 28)` looks like.

```
.text, #text, p{  
    color:rgb(204, 67, 28)  
}
```

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(204, 67, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 67, 28) }
```

Border

The CSS property to change the border of an element to YUV 103.5170, -37.2299, 88.1236 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(204, 67, 28) }
```


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

```
.border{ border-color:rgb(204, 67, 28) }
```

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

Here you see how a box with a 4 pixel rgb(204, 67, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 67, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 67, 28);  
box-shadow:4px 4px 4px 4px rgb(204, 67,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 103.5170, -37.2299, 88.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 67, 28) }
```

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

```
.background{ background-color: rgb(204, 67,  
28) }
```

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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