

# Converting Colors

YUV(75.7930, -15.6739,  
80.8655)

Have a look what the booklet for  
YUV(75.7930, -15.6739, 80.8655)  
contains.

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# Color

**YUV(75.7930, -15.6739,  
80.8655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8232C
RGB	168, 35, 44
RGB Percent	66%, 14%, 17%
CMY	0.3412, 0.8627, 0.8275
CMYK	0.00, 0.79, 0.74, 0.34
HSL	356°, 66%, 40%
HSV	356°, 79%, 66%
XYZ	17.2041, 9.7087, 3.3501
YIQ	75.7930, 76.3790, 30.9950

# Conversions

## Conversions Part 2

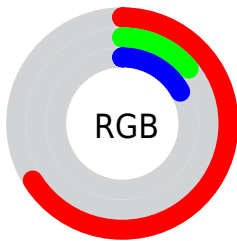
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 35, 44</a>
Decimal	<a href="#">11019052</a>
CIELab	<a href="#">37.31, 53.03, 29.25</a>
CIELCh	<a href="#">37, 60.564, 28.880</a>
Yxy	<a href="#">9.7087, 0.5685, 0.3208</a>
Android (android.graphics.Color)	<a href="#">4289209132 (0xFFA8232C)</a>
YUV	<a href="#">75.7930, -15.6739, 80.8655</a>
Hunter-Lab	<a href="#">31.1589, 44.0293, 15.4365</a>

# Details

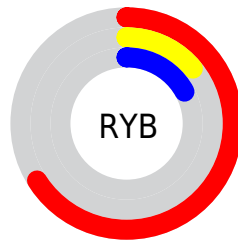
The YUV color **75.7930, -15.6739, 80.8655** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **127.2070, 15.6739, -80.8655**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6210, -21.5052, 84.5244**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **63.9900, -17.7431, 91.2168**, and if you desaturate by 10%, it is **87.5960, -13.6048, 70.5143**.

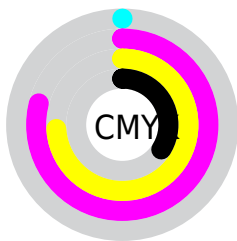
# Distribution



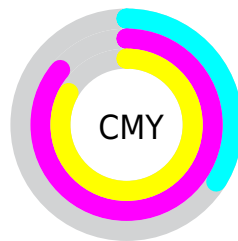
- Red (66%)
- Green (14%)
- Blue (17%)



- Red (66%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (74%)
- Black (34%)




- Cyan (34%)
- Magenta (86%)
- Yellow (83%)
- Black (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.7930, -15.6739, 80.8655 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 75.7930, -15.6739, 80.8655 by changing the saturation by 10% instead.





 75.7930, -15.6739,  
80.8655

 75.7930, -15.6739,  
80.8655


255.0000, 0.0000,  
0.0000

 43.8840, -10.2958,  
82.5397


 133.6210,  
-21.5052, 84.5244


 32.2920, -15.9200,  
66.3959

 159.6810,  
-22.5207, 83.5948


 23.3220, -11.4977,  
47.9526

 179.0810,  
-19.2669, 66.5810

 15.4770, -6.6442,  
31.1537

 198.4810,  
-16.0131, 49.5672

 0.0000, 0.0000,  
0.0000

 218.1090,  
-11.8857, 32.3534

 238.2100, -8.4845,

14.7248

254.4300, -2.1840,  
0.4999

■ 75.7930, -15.6739,  
80.8655

■ 75.7930, -15.6739,  
80.8655

■ 63.9900, -17.7431,  
91.2168

■ 87.5960, -13.6048,  
70.5143

■ 52.3010, -19.3754,  
101.4680

■ 99.2850, -11.9725,  
60.2631

■ 51.4860, -19.9596,  
102.1828

■ 110.5010, -9.6140,  
50.4266

■ 122.3040, -7.5449,  
40.0754

■ 133.9930, -5.9125,  
29.8241

■ 145.7960, -3.8434,  
19.4729

■ 157.5990, -1.7743,  
9.1217

■ 168.7010, 0.1474,  
-0.6148

■ 180.5040, 2.2165,  
-10.9660

# Harmonies

## Analogous

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



72.1720, 9.7752, 84.9182



75.7930, -15.6739, 80.8655



80.9230, -39.8950, 56.1955

# Triad

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



75.7930, -15.6739, 80.8655



65.2830, -16.4085, -57.2532



77.0830, 54.1891, -67.6018

# Complementary

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



75.7930, -15.6739, 80.8655



127.2070, 15.6739, -80.8655

# 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.



81.2430, 44.7432, -71.2501



75.7930, -15.6739, 80.8655



72.9720, 5.4368, -63.9964

# Square

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



75.7930, -15.6739, 80.8655



75.4660, -37.2047, -13.5637



79.2590, 26.9873, -69.5101



86.5850, 43.0956, -9.2830



# Rectangle

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



75.7930, -15.6739, 80.8655



82.8510, -40.8455, 34.3337



79.2590, 26.9873, -69.5101



79.2030, 52.1579, -69.4610

# Sweetspot

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



75.7930, -15.6739, 80.8655



182.8900, -6.3548, 31.6685



86.6400, 40.1105, 61.7057



87.7960, -3.8434, 19.4729



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



75.7930, -15.6739, 80.8655



74.7880, -24.5455, 126.4739



107.0520, -35.5216, 53.4514



78.3920, -1.1793, 4.9182



45.3920, -17.4483, 89.9872



6.0940, -2.5113, 12.1956



# Inverse Universe

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



75.7930, -15.6739, 80.8655



74.7880, -24.5455, 126.4739



95.9480, 35.5216, -53.4514



78.3920, -1.1793, 4.9182



45.3920, -17.4483, 89.9872



6.0940, -2.5113, 12.1956



# Previews

## White Background



This preview shows how the YUV color 75.7930, -15.6739, 80.8655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

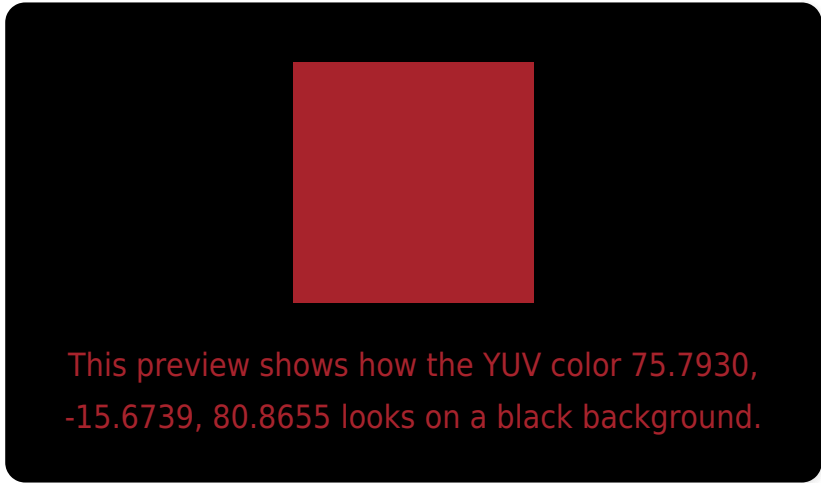
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 75.7930, -15.6739, 80.8655

## Background



This preview shows how black text looks on a background with the YUV color 75.7930, -15.6739, 80.8655.



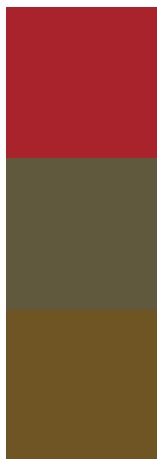
This preview shows how white text looks on a background with the YUV color 75.7930, -15.6739,



# 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

75.7930, -15.6739, 80.8655

### Protanopia

88.0150, -12.8254, 7.0028

### Deuteranopia

87.1880, -25.2357, 20.8831



## Tritanopia

75.5820, -19.0209, 81.0506

# Trichromacy



## Original Color

75.7930, -15.6739, 80.8655

## Protanomaly

83.2510, -13.9277, 33.9829

## Deuteranomaly

83.2430, -21.8118, 42.7599

## Tritanomaly

75.9240, -17.7105, 80.7507

# Monochromacy



## Original Color

75.7930, -15.6739, 80.8655

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.6940, -5.7651, 29.2094

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.7930, -15.6739, 80.8655 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, 35, 44)` looks like.

```
.text, #text, p{  
    color:rgb(168, 35, 44)  
}
```

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, 35, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 35, 44) }
```

## Border

The CSS property to change the border of an element to YUV 75.7930, -15.6739, 80.8655 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, 35, 44) }
```



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

```
.border{ border-color:rgb(168, 35, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 35, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 35, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 35, 44);  
box-shadow:4px 4px 4px 4px rgb(168, 35,  
44) }
```

# Background

The CSS property to change the background color of an element to YUV 75.7930, -15.6739, 80.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 35, 44) }
```

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

```
.background{ background-color: rgb(168, 35,  
44) }
```

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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