

Converting Colors

YUV(77.6670, -14.6258,
71.3290)

Have a look what the booklet for
YUV(77.6670, -14.6258, 71.3290)
contains.

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Color

**YUV(77.6670, -14.6258,
71.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2A30
RGB	159, 42, 48
RGB Percent	62%, 16%, 19%
CMY	0.3765, 0.8353, 0.8118
CMYK	0.00, 0.74, 0.70, 0.38
HSL	357°, 58%, 39%
HSV	357°, 74%, 62%
XYZ	15.6595, 9.2403, 3.7545
YIQ	77.6670, 67.8060, 26.6700

Conversions

Conversions Part 2

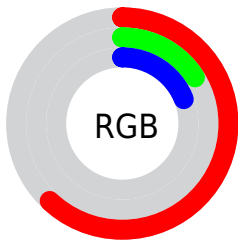
Format	Color
R_{YB}	159, 42, 48
Decimal	10431024
CIE Lab	36.44, 48.06, 25.32
CIE LCh	36, 54.321, 27.785
Yxy	9.2403, 0.5465, 0.3225
Android (android.graphics.Color)	4288621104 (0xFF9F2A30)
YUV	77.6670, -14.6258, 71.3290
Hunter-Lab	30.3978, 38.7588, 13.9554

Details

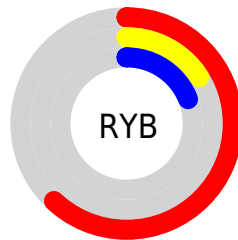
The YUV color **77.6670, -14.6258, 71.3290** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **123.3330, 14.6258, -71.3290**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5490, -19.0047, 75.8175**, and **30.1280, -13.8671, 61.2777** is the 20% darker color. If you saturate the color by 10%, you get **66.5650, -16.5475, 81.0655**, and if you desaturate by 10%, it is **88.7690, -12.7041, 61.5926**.

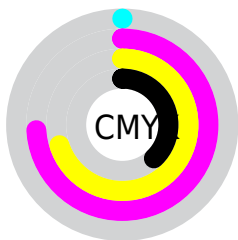
Distribution



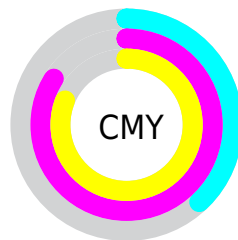
- Red (62%)
- Green (16%)
- Blue (19%)



- Red (62%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6670, -14.6258, 71.3290 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 77.6670, -14.6258, 71.3290 by changing the saturation by 10% instead.

■ 77.6670, -14.6258,
71.3290

■ 77.6670, -14.6258,
71.3290

■ 255.0000, 0.0000,
0.0000

■ 45.1710, -8.9583,
73.5180

■ 132.5490,
-19.0047, 75.8175

■ 30.1280, -13.8671,
61.2777

■ 160.5170,
-20.4679, 78.4766

■ 21.2290, -10.4659,
43.6492

■ 180.8250,
-17.6617, 65.0515

■ 13.5690, -6.1965,
27.5650

■ 200.2250,
-14.4079, 48.0377

■ 0.0000, 0.0000,
0.0000

■ 220.3260,
-11.0067, 30.4091

■ 240.5410, -7.1687,

12.6805

■ 77.6670, -14.6258,
71.3290

■ 77.6670, -14.6258,
71.3290

■ 66.5650, -16.5475,
81.0655

■ 88.7690, -12.7041,
61.5926

■ 55.4630, -18.4693,
90.8019

■ 99.8710, -10.7824,
51.8561

■ 48.4530, -19.9433,
96.9497

■ 110.9730, -8.8607,
42.1197

■ 122.0750, -6.9390,
32.3832

■ 133.1770, -5.0173,
22.6468

■ 143.8060, -2.3694,
13.3251

■ 154.9080, -0.4476,
3.5887

■ 166.0100, 1.4741,
-6.1478

■ 177.1120, 3.3958,
-15.8842

Harmonies

Analogous

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



77.2860, 6.7610, 71.6632



77.6670, -14.6258, 71.3290



79.7700, -37.8476, 52.8217

Triad

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



77.6670, -14.6258, 71.3290



63.8640, -14.2300, -56.0087



73.8400, 49.3789, -64.7577

Complementary

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



77.6670, -14.6258, 71.3290



123.3330, 14.6258, -71.3290

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.



77.5270, 40.6592, -67.9912



77.6670, -14.6258, 71.3290



70.8690, 4.9946, -62.1521

Square

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



77.6670, -14.6258, 71.3290



75.2000, -37.0736, -8.9454



75.8850, 24.2137, -66.5511



85.4340, 38.7330, -10.0276

Rectangle

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



77.6670, -14.6258, 71.3290



80.7800, -39.8245, 33.5189



75.8850, 24.2137, -66.5511



75.9600, 47.3477, -66.6169

Sweetspot

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



77.6670, -14.6258, 71.3290



174.9820, -5.9071, 28.0798



87.9290, 35.0380, 55.3133



85.6000, -3.2538, 17.0138



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



77.6670, -14.6258, 71.3290



80.4440, -22.8969, 110.9896



106.9200, -32.0056, 45.6742



73.5060, -0.7425, 4.8182



43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Inverse Universe

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



77.6670, -14.6258, 71.3290



80.4440, -22.8969, 110.9896



94.0800, 32.0056, -45.6742



73.5060, -0.7425, 4.8182



43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 77.6670, -14.6258, 71.3290 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



This preview shows how the YUV color 77.6670, -14.6258, 71.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

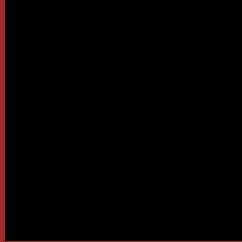
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.6670, -14.6258, 71.3290

Background



This preview shows how black text looks on a background with the YUV color 77.6670, -14.6258, 71.3290.

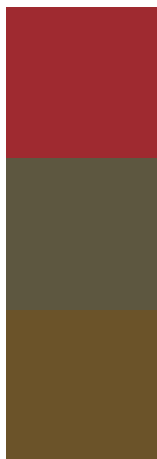


This preview shows how white text looks on a background with the YUV color 77.6670, -14.6258,

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

77.6670, -14.6258, 71.3290

Protanopia

86.1720, -10.9308, 5.9882

Deuteranopia

85.3880, -21.8833, 18.9537



Tritanopia

77.7980, -16.6624, 71.2142

Trichromacy



Original Color

77.6670, -14.6258, 71.3290

Protanomaly

83.2720, -12.4591, 29.5795

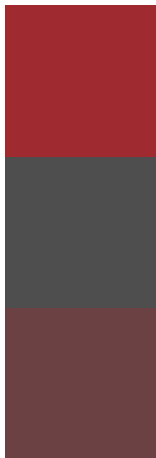
Deuteranomaly

82.6060, -19.0328, 38.0565

Tritanomaly

77.9120, -16.2256, 71.1142

Monochromacy



Original Color

77.6670, -14.6258, 71.3290

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7860, -5.3175, 25.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6670, -14.6258, 71.3290 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(159, 42, 48)` looks like.

```
.text, #text, p{  
    color:rgb(159, 42, 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(159, 42, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 42, 48) }
```

Border

The CSS property to change the border of an element to YUV 77.6670, -14.6258, 71.3290 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(159, 42, 48) }
```


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

```
.border{ border-color:rgb(159, 42, 48) }
```

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

Here you see how a box with a 4 pixel rgb(159, 42, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 42, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 42, 48);  
box-shadow:4px 4px 4px 4px rgb(159, 42,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 77.6670, -14.6258, 71.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 42, 48) }
```

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

```
.background{ background-color: rgb(159, 42,  
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](#).

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