

Converting Colors

YUV(74.5380, 1.2138, 77.5812)

Have a look what the booklet for
YUV(74.5380, 1.2138, 77.5812)
contains.

YUV(74.5380, 1.2138, 77.5812)	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>	31

Color

**YUV(74.5380, 1.2138,
77.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	A31D4D
RGB	163, 29, 77
RGB Percent	64%, 11%, 30%
CMY	0.3608, 0.8863, 0.6980
CMYK	0.00, 0.82, 0.53, 0.36
HSL	339°, 70%, 38%
HSV	339°, 82%, 64%
XYZ	16.8832, 9.2011, 7.9073
YIQ	74.5380, 64.4560, 43.3360

Conversions

Conversions Part 2

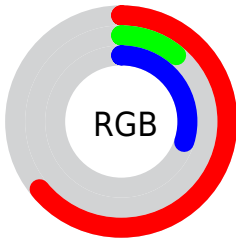
Format	Color
RYB	163, 29, 77
Decimal	10689869
CIELab	36.37, 55.34, 6.85
CIElCh	36, 55.762, 7.055
Yxy	9.2011, 0.4967, 0.2707
Android (android.graphics.Color)	4288879949 (0xFFA31D4D)
YUV	74.5380, 1.2138, 77.5812
Hunter-Lab	30.3333, 46.2679, 5.7775

Details

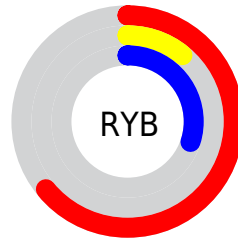
The YUV color **74.5380, 1.2138, 77.5812** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **117.4620, -1.2138, -77.5812**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2840, -3.5910, 78.6809**, and **35.1570, -1.0634, 61.2523** is the 20% darker color. If you saturate the color by 10%, you get **64.0060, 1.4760, 86.8177**, and if you desaturate by 10%, it is **85.0700, 0.9515, 68.3446**.

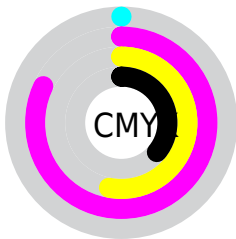
Distribution



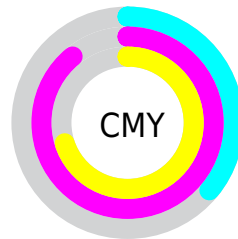
- Red (64%)
- Green (11%)
- Blue (30%)



- Red (64%)
- Yellow (11%)
- Blue (30%)



- Cyan (0%)
- Magenta (82%)
- Yellow (53%)
- Black (36%)




- Cyan (36%)
- Magenta (89%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.5380, 1.2138, 77.5812 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 74.5380, 1.2138, 77.5812 by changing the saturation by 10% instead.


 74.5380, 1.2138,
77.5812

 74.5380, 1.2138,
77.5812


255.0000, 0.0000,
0.0000


 46.2220, 3.8346,
76.9813


 133.2840, -3.5910,
78.6809


 35.1570, -1.0634,
61.2523

 161.5400, -5.1962,
80.2104


 24.1630, -6.9824,
46.3380

 181.0650, -1.5110,
64.8410

 15.1780, -6.4968,
30.5389

 200.6930, 2.6164,
47.6272

 0.0000, 0.0000,
0.0000

 220.9080, 6.4544,
29.8987

 240.3250, 7.2348,

12.8700

■ 74.5380, 1.2138,
77.5812

■ 74.5380, 1.2138,
77.5812

■ 64.0060, 1.4760,
86.8177

■ 85.0700, 0.9515,
68.3446

■ 55.3490, 1.3069,
94.4099

■ 96.3030, 0.8366,
58.4933

■ 106.8350, 0.5743,
49.2567

■ 117.4810, 0.7489,
39.9202

■ 128.6000, 0.1972,
30.1688

■ 139.2460, 0.3717,
20.8323

■ 149.7780, 0.1094,
11.5957

■ 160.4240, 0.2840,
2.2592

■ 171.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



82.6890, 18.8873, 55.5237



74.5380, 1.2138, 77.5812



78.1090, -21.7457, 68.3104

Triad

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



74.5380, 1.2138, 77.5812



71.2800, -35.1410, -22.1706



77.8520, 44.4430, -68.2762

Complementary

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



74.5380, 1.2138, 77.5812



117.4620, -1.2138, -77.5812

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.



76.8940, 30.6183, -67.4360



74.5380, 1.2138, 77.5812



65.9330, -8.8410, -57.8232

Square

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



74.5380, 1.2138, 77.5812



79.4740, -39.1807, 13.6163



72.4650, 11.1098, -63.5518



71.6060, 50.9732, -62.7985

Rectangle

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



74.5380, 1.2138, 77.5812



79.2540, -38.5792, 54.1512



72.4650, 11.1098, -63.5518



78.2280, 40.8066, -68.6060

Sweetspot

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



74.5380, 1.2138, 77.5812



177.0130, 0.4866, 30.6836



69.6910, 46.0013, 38.8590



85.8220, 0.0878, 18.5731



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



74.5380, 1.2138, 77.5812



73.3400, 1.8044, 121.6048



79.6320, -24.9616, 73.1137



76.0330, -0.0163, 5.2331



49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Inverse Universe

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



74.5380, 1.2138, 77.5812



73.3400, 1.8044, 121.6048



112.3680, 24.9616, -73.1137



76.0330, -0.0163, 5.2331



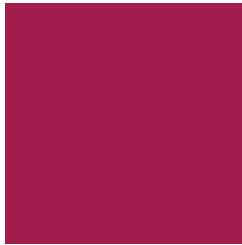
49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 74.5380, 1.2138, 77.5812 looks on a white background.

Color Contrast Check

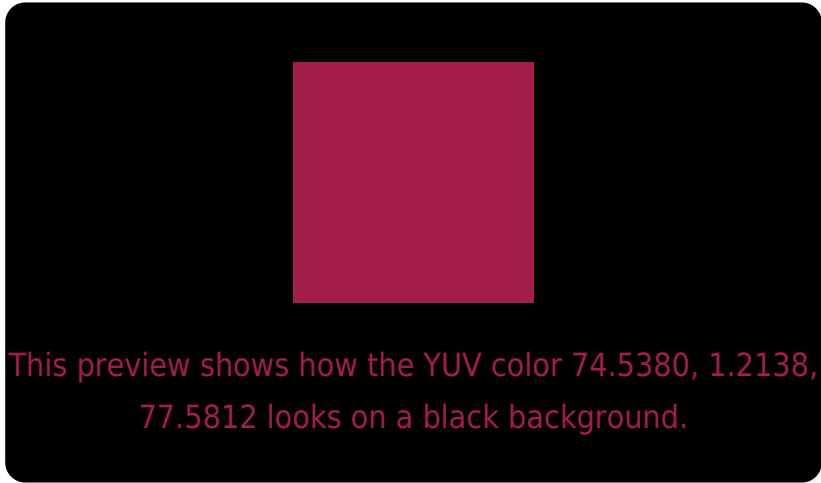
Large Text (above 18pt) WCAG AA ✓ Pass

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

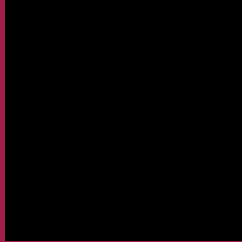
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5380, 1.2138, 77.5812

Background



This preview shows how black text looks on a background with the YUV color 74.5380, 1.2138, 77.5812.



This preview shows how white text looks on a background with the YUV color 74.5380, 1.2138,

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

74.5380, 1.2138, 77.5812

Protanopia

87.0840, 9.3256, -4.4587

Deuteranopia

87.6010, -8.1843, 11.7509



Tritanopia

76.2930, -17.3994, 74.2880

Trichromacy



Original Color

74.5380, 1.2138, 77.5812

Protanomaly

82.1740, 6.3232, 25.2804

Deuteranomaly

82.9660, -4.9132, 35.9868

Tritanomaly

75.7260, -10.7109, 75.6623

Monochromacy



Original Color

74.5380, 1.2138, 77.5812

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7030, 0.6394, 28.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5380, 1.2138, 77.5812 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(163, 29, 77)` looks like.

```
.text, #text, p{  
    color:rgb(163, 29, 77)  
}
```

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(163, 29, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 29, 77) }
```

Border

The CSS property to change the border of an element to YUV 74.5380, 1.2138, 77.5812 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(163, 29, 77) }
```


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

```
.border{ border-color:rgb(163, 29, 77) }
```

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

Here you see how a box with a 4 pixel rgb(163, 29, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 29, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 29, 77);  
box-shadow:4px 4px 4px 4px rgb(163, 29,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 74.5380, 1.2138, 77.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 29, 77) }
```

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

```
.background{ background-color: rgb(163, 29,  
77) }
```

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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