

Converting Colors

YUV(77.8210, -38.3658,
79.0870)

Have a look what the booklet for
YUV(77.8210, -38.3658, 79.0870)
contains.

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Color

**YUV(77.8210, -38.3658,
79.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	A82F00
RGB	168, 47, 0
RGB Percent	66%, 18%, 0%
CMY	0.3412, 0.8157, 1.0000
CMYK	0.00, 0.72, 1.00, 0.34
HSL	17°, 100%, 33%
HSV	17°, 100%, 66%
XYZ	17.1650, 10.3579, 1.0946
YIQ	77.8210, 87.2030, 11.0350

Conversions

Conversions Part 2

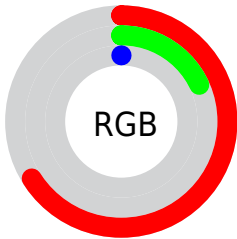
Format	Color
RYB	168, 65, 0
Decimal	11022080
CIELab	38.48, 47.81, 50.76
CIELCh	38, 69.729, 46.718
Yxy	10.3579, 0.5998, 0.3619
Android (android.graphics.Color)	4289212160 (0xFFA82F00)
YUV	77.8210, -38.3658, 79.0870
Hunter-Lab	32.1836, 38.8806, 20.5121

Details

The YUV color **77.8210, -38.3658, 79.0870** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **90.1790, 38.3658, -79.0870**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2840, -40.5660, 84.8199**, and **31.9930, -15.7725, 65.7811** is the 20% darker color. If you saturate the color by 10%, you get **77.8210, -38.3658, 79.0870**, and if you desaturate by 10%, it is **86.8030, -34.4129, 71.2098**.

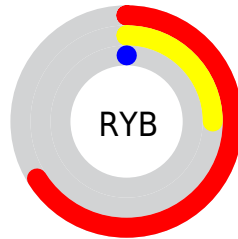
Distribution



Red (66%)

Green (18%)

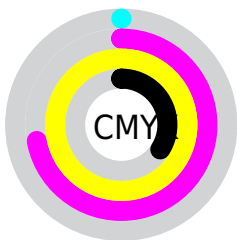
Blue (0%)



Red (66%)

Yellow (25%)

Blue (0%)

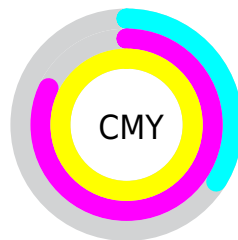


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (34%)



Cyan (34%)


Magenta (82%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.8210, -38.3658, 79.0870 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 77.8210, -38.3658, 79.0870 by changing the saturation by 10% instead.


 77.8210, -38.3658,
79.0870


 77.8210, -38.3658,
79.0870


 253.0620, -7.4256,
1.6996


 49.1810, -24.2462,
77.0173


 134.2840,
-40.5660, 84.8199

 31.9930, -15.7725,
65.7811

 160.1590,
-40.9974, 83.1756


 23.0230, -11.3503,
47.3378

 178.8580,
-37.8910, 66.7765

 15.4770, -6.6442,
31.1537

 198.2580,
-34.6372, 49.7627


 0.0000, 0.0000,
0.0000


 217.6580,
-31.3834, 32.7489


 237.8730,


-27.5454, 15.0204


 249.8700,
-19.6559, 4.4990


 77.8210, -38.3658,
79.0870

 86.8030, -34.4129,
71.2098

 95.7850, -30.4600,
63.3326

 104.6530,
-26.9439, 55.5553

 113.6350,
-22.9911, 47.6781

 122.6170,
-19.0382, 39.8009

■ 132.1860,
-15.3747, 31.4089

■ 141.1680,
-11.4218, 23.5317

■ 150.0360, -7.9057,
15.7544

■ 159.0180, -3.9529,
7.8772

Harmonies

Analogous

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



62.6820, -0.3362, 108.1499



77.8210, -38.3658, 79.0870



85.8410, -42.3196, 40.4814

Triad

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



77.8210, -38.3658, 79.0870



72.8120, -5.3303, -63.8561



73.9830, 62.6194, -64.8831

Complementary

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



77.8210, -38.3658, 79.0870



90.1790, 38.3658, -79.0870

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.



84.6630, 57.8471, -74.2495



77.8210, -38.3658, 79.0870



80.8260, 20.2988, -70.8844

Square

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



77.8210, -38.3658, 79.0870



63.3960, -31.2542, -55.5983



85.4660, 43.1543, -74.9537



90.4210, 38.7394, 34.7108

Rectangle

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



77.8210, -38.3658, 79.0870



84.4910, -41.6541, 13.6014



85.4660, 43.1543, -74.9537



78.5480, 62.3408, -68.8866

Sweetspot

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



77.8210, -38.3658, 79.0870



184.0010, -14.7905, 30.6941



64.2540, 28.9618, 90.9852



88.4170, -9.0796, 18.9283



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.



77.8210, -38.3658, 79.0870



101.2880, -49.9350, 103.2334



125.9550, -62.0958, 36.8735



79.5660, -1.7580, 3.8886



68.3190, -33.6813, 69.8802



9.5020, -4.6845, 9.2067

Inverse Universe

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



90.1790, 38.3658, -79.0870



117.7120, 49.9350, -103.2334



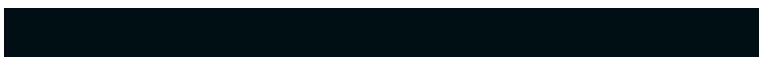
42.0450, 62.0958, -36.8735



80.4340, 1.7580, -3.8886



79.6810, 33.6813, -69.8802



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 77.8210, -38.3658, 79.0870 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 77.8210, -38.3658, 79.0870 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 77.8210, -38.3658, 79.0870

Background



This preview shows how black text looks on a background with the YUV color 77.8210, -38.3658, 79.0870.



This preview shows how white text looks on a background with the YUV color 77.8210, -38.3658,

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



Protanopia

86.9670, -33.5077, 14.0609

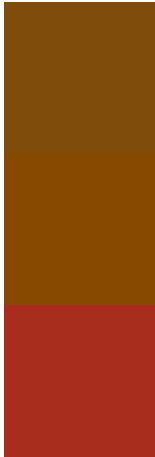
Deuteranopia

85.7530, -42.2762, 26.5266

Tritanopia

81.4890, -17.9891, 76.7471

Trichromacy



Protanomaly

83.9530, -35.4728, 37.7522

Deuteranomaly

82.6290, -40.7361, 45.9294

Tritanomaly

80.2520, -25.2672, 77.8320

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2180, -13.9115, 28.7498

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8210, -38.3658, 79.0870 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, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 47, 0)  
}
```

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, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 47, 0) }
```

Border

The CSS property to change the border of an element to YUV 77.8210, -38.3658, 79.0870 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, 47, 0) }
```

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

```
.border{ border-color:rgb(168, 47, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 47, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 47, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 47, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 47, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 77.8210, -38.3658, 79.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 47, 0) }
```

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

```
.background{ background-color: rgb(168, 47,  
0) }
```

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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