

Converting Colors

YUV(85.7730, -42.2861,
76.4981)

Have a look what the booklet for
YUV(85.7730, -42.2861, 76.4981)
contains.

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Color

**YUV(85.7730, -42.2861,
76.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3A00
RGB	173, 58, 0
RGB Percent	68%, 23%, 0%
CMY	0.3216, 0.7725, 1.0000
CMYK	0.00, 0.66, 1.00, 0.32
HSL	20°, 100%, 34%
HSV	20°, 100%, 68%
XYZ	18.7466, 11.9103, 1.3109
YIQ	85.7730, 87.1580, 6.3420

Conversions

Conversions Part 2

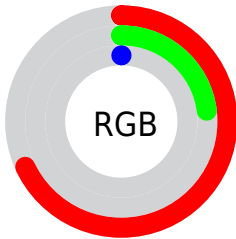
Format	Color
RYB	173, 87, 0
Decimal	11352576
CIELab	41.07, 45.04, 52.56
CIELCh	41, 69.223, 49.406
Yxy	11.9103, 0.5864, 0.3726
Android (android.graphics.Color)	4289542656 (0xFFAD3A00)
YUV	85.7730, -42.2861, 76.4981
Hunter-Lab	34.5114, 36.5666, 21.9059

Details

The YUV color **85.7730, -42.2861, 76.4981** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.2270, 42.2861, -76.4981**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8770, -43.3234, 82.5459**, and **33.4880, -16.5096, 68.8550** is the 20% darker color. If you saturate the color by 10%, you get **85.7730, -42.2861, 76.4981**, and if you desaturate by 10%, it is **94.1680, -38.0438, 69.1357**.

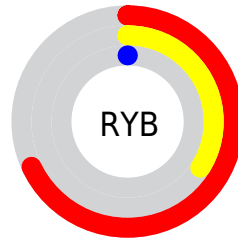
Distribution



Red (68%)

Green (23%)

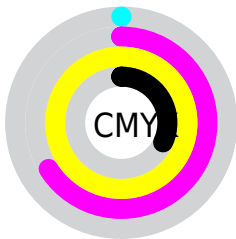
Blue (0%)



Red (68%)

Yellow (34%)

Blue (0%)

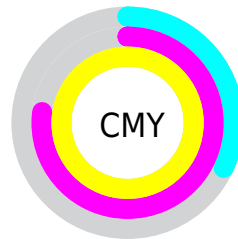


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (77%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 85.7730, -42.2861, 76.4981 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 85.7730, -42.2861, 76.4981 by changing the saturation by 10% instead.


 85.7730, -42.2861,
76.4981

 85.7730, -42.2861,
76.4981


 253.5180, -5.6784,
1.2997

 60.0680, -29.6135,
71.8544


 141.8770,
-43.3234, 82.5459

 33.4880, -16.5096,
68.8550


 165.6700,
-42.7283, 78.3424

 24.5180, -12.0874,
50.4117

 185.0700,
-39.4745, 61.3286

 16.9720, -7.3812,
34.2276

 204.4700,
-36.2207, 44.3148


 4.7840, -2.3585,
9.8364


 223.8700,
-32.9669, 27.3010


 0.0000, 0.0000,
0.0000

 244.0850,


-29.1289, 9.5725


 250.2120,
-18.3455, 4.1991


 85.7730, -42.2861,
76.4981

 94.1680, -38.0438,
69.1357

 103.2640,
-33.6542, 61.1585

 112.2460,
-29.7013, 53.2813

 120.6410,
-25.4590, 45.9188

 129.7370,
-21.0693, 37.9417

■ 138.1320,
-16.8271, 30.5792

■ 147.1140,
-12.8742, 22.7020

■ 155.5090, -8.6319,
15.3396

■ 164.6050, -4.2423,
7.3624

Harmonies

Analogous

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



71.9330, -4.4040, 106.1758



85.7730, -42.2861, 76.4981



91.4340, -45.0770, 38.2074

Triad

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



85.7730, -42.2861, 76.4981



78.2890, -2.1145, -68.6595



76.9010, 63.6458, -67.4422

Complementary

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



85.7730, -42.2861, 76.4981



87.2270, 42.2861, -76.4981

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.



88.5100, 59.8946, -77.6233



85.7730, -42.2861, 76.4981



86.1890, 23.0778, -75.5878

Square

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



85.7730, -42.2861, 76.4981



67.7330, -32.4064, -59.4018



90.7150, 45.4965, -79.5571



96.6990, 37.1234, 39.7290

Rectangle

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



85.7730, -42.2861, 76.4981



89.4970, -44.1220, 11.8421



90.7150, 45.4965, -79.5571



82.1670, 63.5147, -72.0605

Sweetspot

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



85.7730, -42.2861, 76.4981



190.5340, -16.5323, 29.3497



64.8370, 24.7304, 94.8590



91.5910, -9.6584, 17.8987



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



85.7730, -42.2861, 76.4981



111.0010, -54.7235, 99.1001



136.2550, -67.1737, 32.2254



82.4520, -2.1948, 3.9886



74.2000, -36.5806, 66.4766



11.5730, -5.7055, 10.0215

Inverse Universe

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



87.2270, 42.2861, -76.4981



112.9990, 54.7235, -99.1001



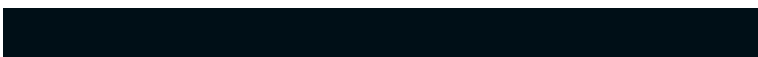
36.7450, 67.1737, -32.2254



82.5480, 2.1948, -3.9886



75.8000, 36.5806, -66.4766



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 85.7730, -42.2861, 76.4981 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 85.7730, -42.2861, 76.4981 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 85.7730, -42.2861, 76.4981 Background



This preview shows how black text looks on a background with the YUV color 85.7730, -42.2861, 76.4981.



This preview shows how white text looks on a background with the YUV color 85.7730, -42.2861,

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

92.4680, -36.7127, 15.3756

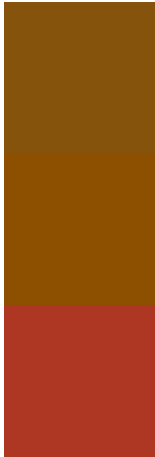
Deuteranopia

91.3680, -45.0444, 27.7413

Tritanopia

90.2220, -16.3784, 73.4733

Trichromacy



Protanomaly

89.7420, -38.8198, 37.9373

Deuteranomaly

89.1190, -43.9357, 45.4996

Tritanomaly

88.4150, -25.8406, 75.0580

Monochromacy



Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1640, -15.3639, 27.9202

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7730, -42.2861, 76.4981 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(173, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 58, 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(173, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 58, 0) }
```

Border

The CSS property to change the border of an element to YUV 85.7730, -42.2861, 76.4981 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(173, 58, 0) }
```

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

```
.border{ border-color:rgb(173, 58, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 58, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 58, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 85.7730, -42.2861, 76.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 58, 0) }
```

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

```
.background{ background-color: rgb(173, 58,  
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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