

Converting Colors

YUV(76.9600, -29.0673,
83.3501)

Have a look what the booklet for
YUV(76.9600, -29.0673, 83.3501)
contains.

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Color

**YUV(76.9600, -29.0673,
83.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	AC2812
RGB	172, 40, 18
RGB Percent	67%, 16%, 7%
CMY	0.3255, 0.8431, 0.9294
CMYK	0.00, 0.77, 0.90, 0.33
HSL	9°, 81%, 37%
HSV	9°, 90%, 67%
XYZ	17.8812, 10.3319, 1.6241
YIQ	76.9600, 85.7340, 21.1420

Conversions

Conversions Part 2

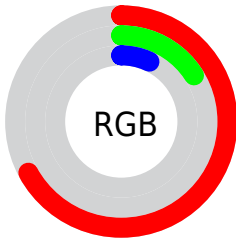
Format	Color
R_{YB}	172, 44, 18
Decimal	11282450
CIE Lab	38.43, 51.88, 44.62
CIE LCh	38, 68.426, 40.695
Yxy	10.3319, 0.5993, 0.3463
Android (android.graphics.Color)	4289472530 (0xFFAC2812)
YUV	76.9600, -29.0673, 83.3501
Hunter-Lab	32.1433, 43.0483, 19.5046

Details

The YUV color **76.9600, -29.0673, 83.3501** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **113.0400, 29.0673, -83.3501**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0270, -34.0303, 88.5533**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **66.2170, -32.1520, 92.7717**, and if you desaturate by 10%, it is **87.7030, -25.9826, 73.9285**.

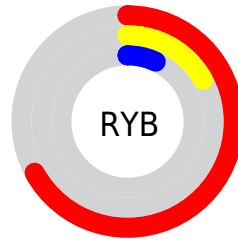
Distribution



Red (67%)

Green (16%)

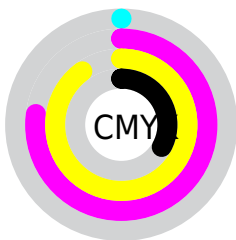
Blue (7%)



Red (67%)

Yellow (17%)

Blue (7%)

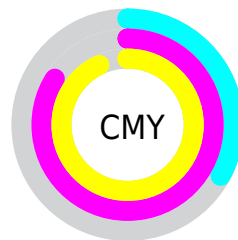


Cyan (0%)

Magenta (77%)

Yellow (90%)

Black (33%)



Cyan (33%)


Magenta (84%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.9600, -29.0673, 83.3501 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 76.9600, -29.0673, 83.3501 by changing the saturation by 10% instead.


 76.9600, -29.0673,
83.3501


 76.9600, -29.0673,
83.3501


 254.5440, -1.7472,
0.3999


 42.1590, -20.7844,
86.6836


 134.0270,
-34.0303, 88.5533


 33.1890, -16.3622,
68.2402


 158.5920,
-34.3089, 84.5498


 24.2190, -11.9400,
49.7969

 177.8780,
-31.4919, 67.6360

 16.3740, -7.0864,
32.9980

 197.2780,
-28.2381, 50.6222


 1.4950, -0.7370,
3.0739


 217.3790,
-24.8368, 32.9936


 0.0000, 0.0000,
0.0000


 237.4800,


-21.4356, 15.3650


 251.2380,
-14.4143, 3.2993


 76.9600, -29.0673,
83.3501


 76.9600, -29.0673,
83.3501

 66.2170, -32.1520,
92.7717


 87.7030, -25.9826,
73.9285

 66.1030, -32.5888,
92.8717

 97.8590, -22.6085,
65.0217

 108.7160,
-19.0870, 55.5001

 119.4590,
-16.0023, 46.0785

 130.2020,
-12.9176, 36.6568

■ 140.3580, -9.5435,
27.7500

■ 151.1010, -6.4588,
18.3284

■ 161.9580, -2.9373,
8.8068

■ 172.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



63.6370, 4.6160, 106.4354



76.9600, -29.0673, 83.3501



84.9990, -41.9045, 47.3589

Triad

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



76.9600, -29.0673, 83.3501



70.9710, -9.8457, -62.2416



76.9180, 61.1724, -67.4571

Complementary

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



76.9600, -29.0673, 83.3501



113.0400, 29.0673, -83.3501

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.



85.1530, 54.6476, -74.6792



76.9600, -29.0673, 83.3501



78.8710, 15.3466, -69.1699

Square

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



76.9600, -29.0673, 83.3501



67.0060, -33.0340, -44.7323



84.7990, 38.0601, -74.3687



91.7180, 41.5510, 19.5413

Rectangle

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



76.9600, -29.0673, 83.3501



85.1330, -41.9706, 21.8084



84.7990, 38.0601, -74.3687



80.6680, 60.3097, -70.7458

Sweetspot

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



76.9600, -29.0673, 83.3501



186.6360, -11.1595, 32.7682



79.2080, 35.3935, 81.3786



89.6990, -6.7536, 19.5580



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.



76.9600, -29.0673, 83.3501



85.7600, -42.2797, 121.2365



121.5720, -51.0610, 44.2254



81.2780, -1.6161, 5.0182



57.1770, -28.1883, 81.4058



8.6380, -4.2585, 12.5955

Inverse Universe

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



113.0400, 29.0673, -83.3501



138.2400, 42.2797, -121.2365



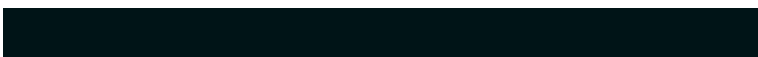
68.4280, 51.0610, -44.2254



83.1350, 1.9054, -4.5034



92.8230, 28.1883, -81.4058



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 76.9600, -29.0673, 83.3501 looks on a white background.

Color Contrast Check

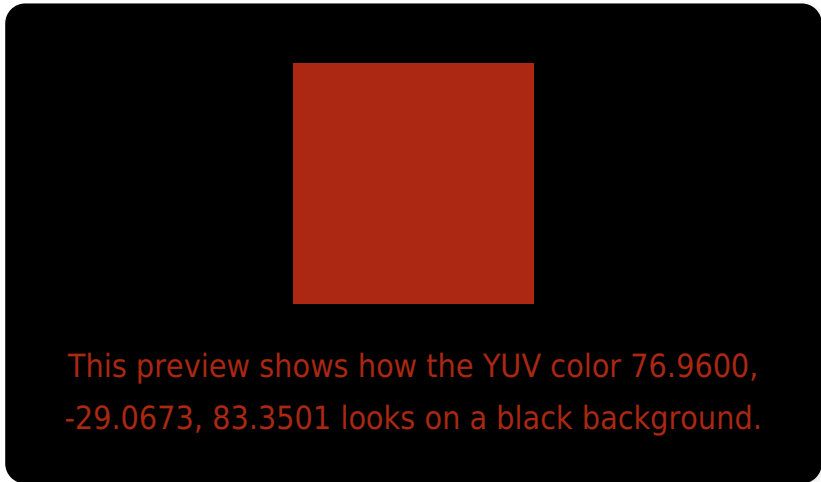
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

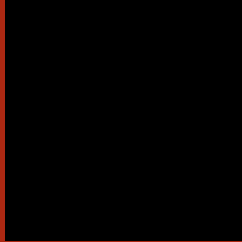
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9600, -29.0673, 83.3501

Background



This preview shows how black text looks on a background with the YUV color 76.9600, -29.0673, 83.3501.



This preview shows how white text looks on a background with the YUV color 76.9600, -29.0673,

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

76.9600, -29.0673, 83.3501

Protanopia

88.2210, -28.7030, 12.9612

Deuteranopia

85.7530, -42.2762, 26.5266



Tritanopia

78.0660, -19.7525, 82.3801

Trichromacy



Original Color

76.9600, -29.0673, 83.3501

Protanomaly

84.0870, -28.6369, 38.5117

Deuteranomaly

82.5520, -37.2471, 46.8739

Tritanomaly

77.8550, -23.0995, 82.5652

Monochromacy



Original Color

76.9600, -29.0673, 83.3501

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.4400, -10.5699, 30.3091

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9600, -29.0673, 83.3501 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(172, 40, 18)` looks like.

```
.text, #text, p{  
    color:rgb(172, 40, 18)  
}
```

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(172, 40, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 40, 18) }
```

Border

The CSS property to change the border of an element to YUV 76.9600, -29.0673, 83.3501 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(172, 40, 18) }
```


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

```
.border{ border-color:rgb(172, 40, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 40, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 40, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 40, 18);  
box-shadow:4px 4px 4px 4px rgb(172, 40,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 76.9600, -29.0673, 83.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 40, 18) }
```

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

```
.background{ background-color: rgb(172, 40,  
18) }
```

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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