

# Converting Colors

YUV(56.2690, -27.7406,  
77.8171)

Have a look what the booklet for  
YUV(56.2690, -27.7406, 77.8171)  
contains.

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# Color

**YUV(56.2690, -27.7406,  
77.8171)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	911600
RGB	145, 22, 0
RGB Percent	57%, 9%, 0%
CMY	0.4314, 0.9137, 1.0000
CMYK	0.00, 0.85, 1.00, 0.43
HSL	9°, 100%, 28%
HSV	9°, 100%, 57%
XYZ	11.9640, 6.5936, 0.6421
YIQ	56.2690, 80.3700, 19.2340

# Conversions

## Conversions Part 2

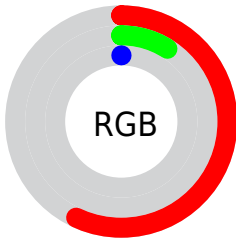
Format	Color
<a href="#">RYB</a>	145, 26, 0
Decimal	9508352
CIELab	30.86, 48.59, 44.03
CIElCh	31, 65.567, 42.183
Yxy	6.5936, 0.6231, 0.3434
Android (android.graphics.Color)	4287698432 (0xFF911600)
YUV	56.2690, -27.7406, 77.8171
Hunter-Lab	25.6779, 38.2311, 16.4919

# Details

The YUV color **56.2690, -27.7406, 77.8171** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **88.7310, 27.7406, -77.8171**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3250, -32.6982, 81.2760**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **56.2690, -27.7406, 77.8171**, and if you desaturate by 10%, it is **64.9090, -25.0981, 70.2398**.

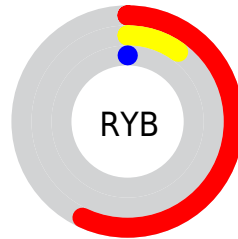
# Distribution



Red (57%)

Green (9%)

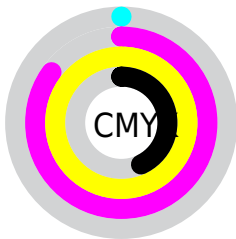
Blue (0%)



Red (57%)

Yellow (10%)

Blue (0%)

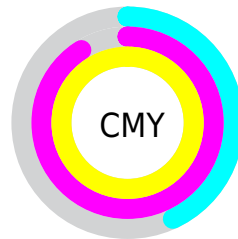


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (91%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 56.2690, -27.7406, 77.8171 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 56.2690, -27.7406, 77.8171 by changing the saturation by 10% instead.





 56.2690, -27.7406,  
77.8171


 56.2690, -27.7406,  
77.8171

 252.1500,  
-10.9200, 2.4994

 34.3850, -16.9518,  
70.6994


 114.3250,  
-32.6982, 81.2760


 25.4150, -12.5296,  
52.2560


 142.0650,  
-35.0350, 84.1350

 17.5700, -7.6760,  
35.4571

 165.8470,  
-34.4346, 78.1872

 6.2790, -3.0955,  
12.9103

 184.5460,  
-31.3282, 61.7882


 0.0000, 0.0000,  
0.0000


 203.9460,  
-28.0744, 44.7744


 224.0470,


-24.6732, 27.1458


 244.2620,  
-20.8352, 9.4172

 56.2690, -27.7406,  
77.8171

 64.9090, -25.0981,  
70.2398

 74.2500, -22.3082,  
62.0478

 83.0040, -19.2290,  
54.3705

 91.6440, -16.5865,  
46.7932

 100.3980,  
-13.5072, 39.1160

■ 109.6250,  
-11.1541, 31.0239

■ 118.3790, -8.0748,  
23.3466

■ 127.0190, -5.4324,  
15.7693

■ 136.3600, -2.6425,  
7.5773

# Harmonies

## Analogous

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



53.5120, 0.7336, 91.6360



56.2690, -27.7406, 77.8171



68.1320, -33.5891, 40.2262

# Triad

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



56.2690, -27.7406, 77.8171



57.8630, -9.2995, -50.7459



62.8010, 55.3141, -55.0765

# Complementary

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



56.2690, -27.7406, 77.8171



88.7310, 27.7406, -77.8171

# 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.



70.6770, 49.9522, -61.9837



56.2690, -27.7406, 77.8171



65.1930, 13.7089, -57.1743

# Square

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



56.2690, -27.7406, 77.8171



51.0690, -25.1770, -44.7875



70.0780, 34.9645, -61.4584



72.5180, 38.1986, 21.4707



# Rectangle

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



56.2690, -27.7406, 77.8171



68.2770, -33.6606, 16.4201



70.0780, 34.9645, -61.4584



66.5510, 54.4514, -58.3652

# Sweetspot

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



56.2690, -27.7406, 77.8171



154.3260, -11.0067, 30.4091



57.3770, 32.3521, 76.8454



73.6880, -6.7482, 17.8136



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



56.2690, -27.7406, 77.8171



73.5340, -36.2523, 101.2637



98.5330, -48.5768, 40.7516



66.6800, -1.3212, 3.7886



52.6920, -25.9772, 72.1841



2.9790, -1.4686, 4.4034



# Inverse Universe

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



88.7310, 27.7406, -77.8171



115.4660, 36.2523, -101.2637



46.4670, 48.5768, -40.7516



68.3200, 1.3212, -3.7886



82.8950, 25.6878, -72.6989

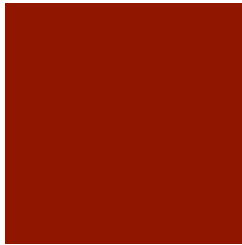


4.4340, 1.7580, -3.8886



# Previews

## White Background



This preview shows how the YUV color 56.2690, -27.7406, 77.8171 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

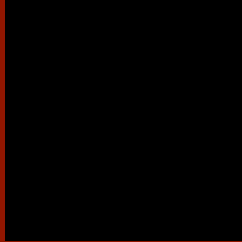
Any Text WCAG AA × Fail

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 56.2690, -27.7406, 77.8171 Background



This preview shows how black text looks on a background with the YUV color 56.2690, -27.7406, 77.8171.



This preview shows how white text looks on a background with the YUV color 56.2690, -27.7406,



# 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

56.2690, -27.7406, 77.8171

### Protanopia

71.1930, -26.2241, 11.2317

### Deuteranopia

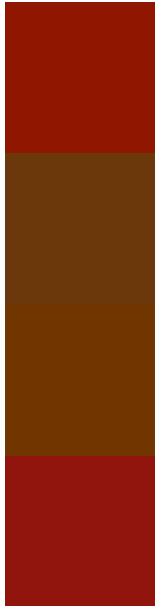
69.7830, -34.4030, 21.2383



## Tritanopia

57.8480, -19.1521, 76.4323

# Trichromacy



## Original Color

56.2690, -27.7406, 77.8171

## Protanomaly

65.8200, -27.0263, 35.2379

## Deuteranomaly

64.8980, -31.9947, 42.1855

## Tritanomaly

57.0500, -22.2096, 77.1321

# Monochromacy



## Original Color

56.2690, -27.7406, 77.8171

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.2440, -9.9803, 27.8500

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.2690, -27.7406, 77.8171 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(145, 22, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 22, 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(145, 22, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 22, 0) }
```

## Border

The CSS property to change the border of an element to YUV 56.2690, -27.7406, 77.8171 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(145, 22, 0) }
```



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

```
.border{ border-color:rgb(145, 22, 0) }
```

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

Here you see how a box with a 4 pixel rgb(145, 22, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 22, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 22, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 22, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.2690, -27.7406, 77.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 22, 0) }
```

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

```
.background{ background-color: rgb(145, 22,  
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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