

Converting Colors

YUV(56.9330, -28.0680,
89.5128)

Have a look what the booklet for
YUV(56.9330, -28.0680, 89.5128)
contains.

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Color

**YUV(56.9330, -28.0680,
89.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	9F1000
RGB	159, 16, 0
RGB Percent	62%, 6%, 0%
CMY	0.3765, 0.9373, 1.0000
CMYK	0.00, 0.90, 1.00, 0.38
HSL	6°, 100%, 31%
HSV	6°, 100%, 62%
XYZ	14.4834, 7.7415, 0.7309
YIQ	56.9330, 90.3640, 25.3400

Conversions

Conversions Part 2

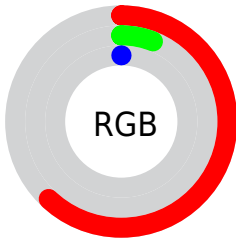
Format	Color
RYB	159, 18, 0
Decimal	10424320
CIELab	33.44, 53.97, 47.20
CIElCh	33, 71.693, 41.173
Yxy	7.7415, 0.6309, 0.3372
Android (android.graphics.Color)	4288614400 (0xFF9F1000)
YUV	56.9330, -28.0680, 89.5128
Hunter-Lab	27.8236, 44.2257, 17.9190

Details

The YUV color **56.9330, -28.0680, 89.5128** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **102.0670, 28.0680, -89.5128**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8100, -34.9093, 90.4976**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **56.9330, -28.0680, 89.5128**, and if you desaturate by 10%, it is **66.9750, -25.1307, 80.7059**.

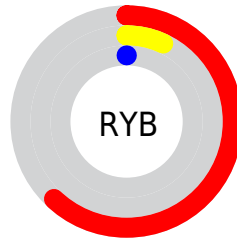
Distribution



Red (62%)

Green (6%)

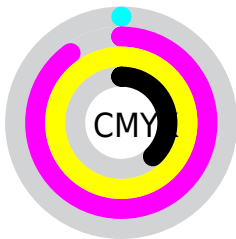
Blue (0%)



Red (62%)

Yellow (7%)

Blue (0%)

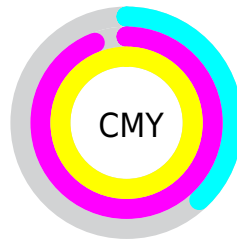


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (94%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.9330, -28.0680, 89.5128 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 56.9330, -28.0680, 89.5128 by changing the saturation by 10% instead.


 56.9330, -28.0680,
89.5128

 56.9330, -28.0680,
89.5128


 252.2640,
-10.4832, 2.3995

 38.2720, -18.8681,
78.6915


 118.8100,
-34.9093, 90.4976

 29.0030, -14.2985,
59.6334

 146.9630,
-36.9568, 93.8714

 20.4460, -9.5869,
41.7049

 166.5480,
-34.2872, 77.5724

 11.7750, -5.3121,
23.8763


 185.8340,
-31.4702, 60.6586


 0.0000, 0.0000,
0.0000


 205.2340,
-28.2164, 43.6448


 225.3350,


-24.8152, 26.0162


 245.5500,
-20.9771, 8.2877


 56.9330, -28.0680,
89.5128

 66.9750, -25.1307,
80.7059

 77.6040, -22.4828,
71.3843

 87.6460, -19.5455,
62.5775

 97.6880, -16.6082,
53.7706

 108.3170,
-13.9603, 44.4490

■ 118.2450,
-11.4598, 35.7421

■ 128.2870, -8.5225,
26.9353

■ 138.3290, -5.5852,
18.1285

■ 148.9580, -2.9373,
8.8068

Harmonies

Analogous

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



58.6810, 1.1433, 100.2578



56.9330, -28.0680, 89.5128



73.7690, -36.3681, 44.9296

Triad

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



56.9330, -28.0680, 89.5128



62.5590, -11.6146, -54.8642



68.9620, 61.1507, -60.4797

Complementary

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



56.9330, -28.0680, 89.5128



102.0670, 28.0680, -89.5128

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.



77.1970, 54.6259, -67.7018



56.9330, -28.0680, 89.5128



70.5730, 14.0145, -61.8925

Square

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



56.9330, -28.0680, 89.5128



55.1780, -27.2028, -48.3911



76.1420, 37.8910, -66.7765



78.1850, 43.2928, 20.8858

Rectangle

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



56.9330, -28.0680, 89.5128



74.1910, -36.5762, 18.2495



76.1420, 37.8910, -66.7765



73.2990, 59.9986, -64.2832

Sweetspot

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



56.9330, -28.0680, 89.5128



167.0600, -10.8756, 35.0274



63.8430, 39.0244, 83.4527



80.7100, -6.7590, 21.3023



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



56.9330, -28.0680, 89.5128



74.2200, -36.5905, 116.4481



103.3060, -50.9299, 48.8436



73.9790, -1.4686, 4.4034



50.9750, -25.1307, 80.7059



5.6590, -2.7899, 8.1921

Inverse Universe

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



102.0670, 28.0680, -89.5128



132.7800, 36.5905, -116.4481



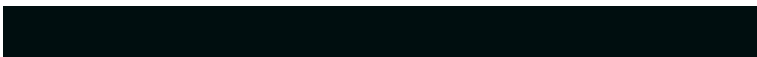
55.6940, 50.9299, -48.8436



76.0210, 1.4686, -4.4034



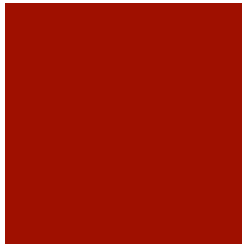
91.4380, 25.4201, -80.1911



9.9280, 2.5005, -8.7069

Previews

White Background



This preview shows how the YUV color 56.9330, -28.0680, 89.5128 looks on a white background.

Color Contrast Check

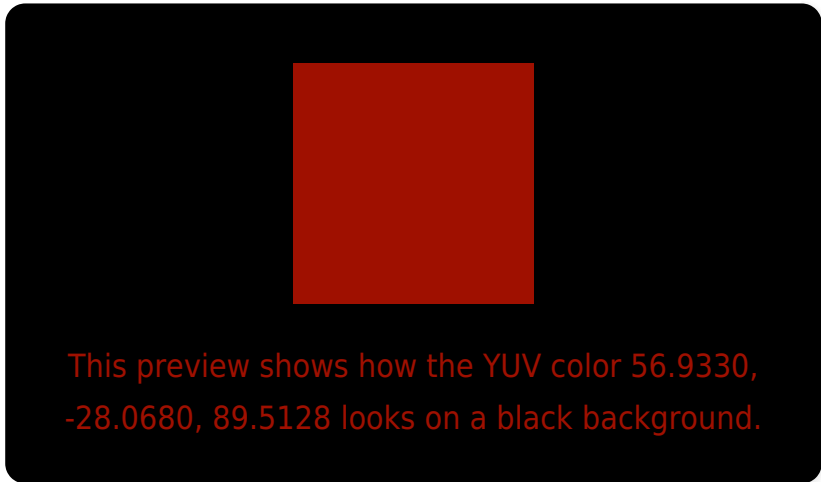
Large Text (above 18pt) WCAG AA ✓ Pass

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

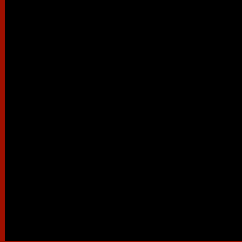
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.9330, -28.0680, 89.5128

Background



This preview shows how black text looks on a background with the YUV color 56.9330, -28.0680, 89.5128.



This preview shows how white text looks on a background with the YUV color 56.9330, -28.0680,

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

77.0360, -28.1187, 12.2464

Deuteranopia

75.6970, -37.3186, 23.0677

Tritanopia

57.9590, -24.1368, 88.6130

Trichromacy



Protanomaly

69.6250, -27.9161, 40.6709

Deuteranomaly

69.0620, -34.0476, 47.3036

Tritanomaly

57.6170, -25.4472, 88.9129

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8640, -10.2860, 32.5683

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9330, -28.0680, 89.5128 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(159, 16, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 16, 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(159, 16, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 16, 0) }
```

Border

The CSS property to change the border of an element to YUV 56.9330, -28.0680, 89.5128 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(159, 16, 0) }
```

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

```
.border{ border-color:rgb(159, 16, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 16, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 16, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 16, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 16, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 56.9330, -28.0680, 89.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 16, 0) }
```

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

```
.background{ background-color: rgb(159, 16,  
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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