

Converting Colors

YUV(61.9170, -30.5251,
84.2648)

Have a look what the booklet for
YUV(61.9170, -30.5251, 84.2648)
contains.

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Color

**YUV(61.9170, -30.5251,
84.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1900
RGB	158, 25, 0
RGB Percent	62%, 10%, 0%
CMY	0.3804, 0.9020, 1.0000
CMYK	0.00, 0.84, 1.00, 0.38
HSL	9°, 100%, 31%
HSV	9°, 100%, 62%
XYZ	14.4482, 7.9644, 0.7758
YIQ	61.9170, 87.2930, 20.4210

Conversions

Conversions Part 2

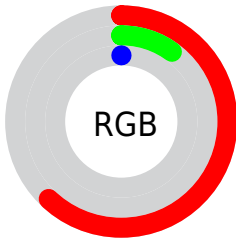
Format	Color
R_{YB}	158, 30, 0
Decimal	10361088
CIE _{Lab}	33.91, 51.72, 47.37
CIE _{LCh}	34, 70.135, 42.483
Yxy	7.9644, 0.6231, 0.3435
Android (android.graphics.Color)	4288551168 (0xFF9E1900)
YUV	61.9170, -30.5251, 84.2648
Hunter-Lab	28.2212, 41.9981, 18.1250

Details

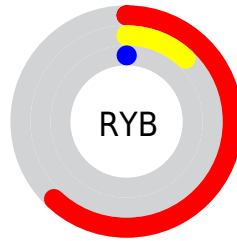
The YUV color **61.9170, -30.5251, 84.2648** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **96.0830, 30.5251, -84.2648**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9730, -35.4827, 87.7237**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **61.9170, -30.5251, 84.2648**, and if you desaturate by 10%, it is **71.3720, -27.2984, 75.9728**.

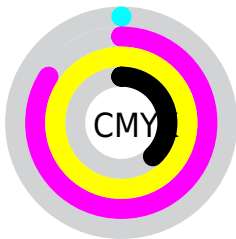
Distribution



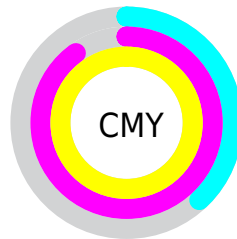
- Red (62%)
- Green (10%)
- Blue (0%)



- Red (62%)
- Yellow (12%)
- Blue (0%)



- Cyan (0%)
- Magenta (84%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (90%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9170, -30.5251, 84.2648 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 61.9170, -30.5251, 84.2648 by changing the saturation by 10% instead.

61.9170, -30.5251,
84.2648

61.9170, -30.5251,
84.2648

252.3780,
-10.0464, 2.2995

37.9730, -18.7207,
78.0767

120.9730,
-35.4827, 87.7237

29.0030, -14.2985,
59.6334

149.1260,
-37.5301, 91.0975

20.4460, -9.5869,
41.7049

168.3090,
-35.1553, 76.0280

11.7750, -5.3121,
23.8763


187.7090,
-31.9015, 59.0142


0.0000, 0.0000,
0.0000


207.6960,
-28.9371, 41.4856


227.2100,


-25.2465, 24.3718


 248.0120,
-21.6979, 6.1285


 61.9170, -30.5251,
84.2648

 71.3720, -27.2984,
75.9728

 81.4140, -24.3611,
67.1659

 90.7550, -21.5712,
58.9739

 100.2100,
-18.3445, 50.6818

 110.2520,
-15.4072, 41.8750

■ 119.7070,
-12.1806, 33.5830

■ 129.1620, -8.9539,
25.2909

■ 138.5030, -6.1640,
17.0989

■ 148.5450, -3.2267,
8.2920

Harmonies

Analogous

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



58.5670, 0.7065, 100.3577



61.9170, -30.5251, 84.2648



75.2310, -37.0889, 42.7704

Triad

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



61.9170, -30.5251, 84.2648



63.6020, -10.1568, -55.7790



68.7340, 60.2771, -60.2797

Complementary

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



61.9170, -30.5251, 84.2648



96.0830, 30.5251, -84.2648

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.



77.7840, 54.3365, -68.2166



61.9170, -30.5251, 84.2648



71.5020, 15.0355, -62.7073

Square

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



61.9170, -30.5251, 84.2648



55.7650, -27.4921, -48.9059



76.9570, 38.4752, -67.4913



79.3380, 41.2454, 24.2596

Rectangle

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



61.9170, -30.5251, 84.2648



74.4790, -36.7181, 17.1199



76.9570, 38.4752, -67.4913



73.0710, 59.1250, -64.0833

Sweetspot

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



61.9170, -30.5251, 84.2648



168.8210, -11.7438, 33.4830



62.5180, 35.2406, 83.7377



81.8840, -7.3378, 20.2727



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.



61.9170, -30.5251, 84.2648



81.2640, -40.0632, 110.2705



107.7030, -53.0976, 44.1105



73.9790, -1.4686, 4.4034



56.2580, -27.7352, 76.0727



5.6590, -2.7899, 8.1921

Inverse Universe

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



96.0830, 30.5251, -84.2648



125.7360, 40.0632, -110.2705



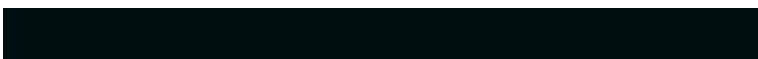
50.2970, 53.0976, -44.1105



76.0210, 1.4686, -4.4034



86.7420, 27.7352, -76.0727



9.3410, 2.7899, -8.1921

Previews

White Background



This preview shows how the YUV color 61.9170, -30.5251, 84.2648 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



This preview shows how the YUV color 61.9170, -30.5251, 84.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

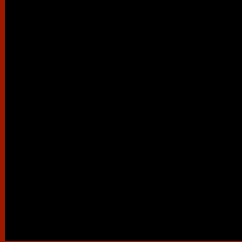
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9170, -30.5251, 84.2648

Background



This preview shows how black text looks on a background with the YUV color 61.9170, -30.5251, 84.2648.



This preview shows how white text looks on a background with the YUV color 61.9170, -30.5251,

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

77.8080, -28.9923, 12.4464

Deuteranopia

76.5830, -37.7554, 23.1677

Tritanopia

63.8380, -20.6261, 82.5801

Trichromacy



Protanomaly

71.8590, -29.5105, 38.7117

Deuteranomaly

71.4100, -35.2051, 45.2444

Tritanomaly

62.9260, -24.1205, 83.3799

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2120, -11.4435, 30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9170, -30.5251, 84.2648 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(158, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 25, 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(158, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 25, 0) }
```

Border

The CSS property to change the border of an element to YUV 61.9170, -30.5251, 84.2648 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(158, 25, 0) }
```

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

```
.border{ border-color:rgb(158, 25, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 25, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 25, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 25, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 25, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 61.9170, -30.5251, 84.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 25, 0) }
```

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

```
.background{ background-color: rgb(158, 25,  
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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