

Converting Colors

YUV(62.4820, -30.8036,
80.2613)

Have a look what the booklet for
YUV(62.4820, -30.8036, 80.2613)
contains.

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Color

**YUV(62.4820, -30.8036,
80.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	9A1C00
RGB	154, 28, 0
RGB Percent	60%, 11%, 0%
CMY	0.3961, 0.8902, 1.0000
CMYK	0.00, 0.82, 1.00, 0.40
HSL	11°, 100%, 30%
HSV	11°, 100%, 60%
XYZ	13.7417, 7.7005, 0.7621
YIQ	62.4820, 84.0840, 18.0040

Conversions

Conversions Part 2

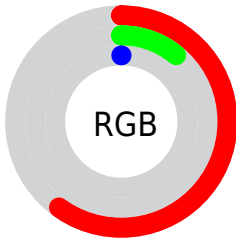
Format	Color
R_{YB}	154, 34, 0
Decimal	10099712
CIE _{Lab}	33.35, 49.70, 46.60
CIE _{LCh}	33, 68.133, 43.155
Yxy	7.7005, 0.6189, 0.3468
Android (android.graphics.Color)	4288289792 (0xFF9A1C00)
YUV	62.4820, -30.8036, 80.2613
Hunter-Lab	27.7498, 39.8308, 17.7966

Details

The YUV color **62.4820, -30.8036, 80.2613** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **91.5180, 30.8036, -80.2613**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0650, -35.0350, 84.1350**, and **27.8070, -13.7089, 57.1743** is the 20% darker color. If you saturate the color by 10%, you get **62.4820, -30.8036, 80.2613**, and if you desaturate by 10%, it is **71.8230, -28.0137, 72.0692**.

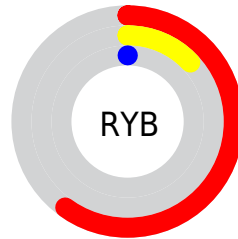
Distribution



Red (60%)

Green (11%)

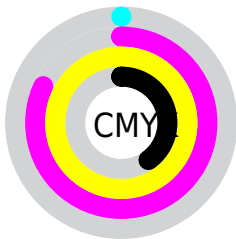
Blue (0%)



Red (60%)

Yellow (13%)

Blue (0%)

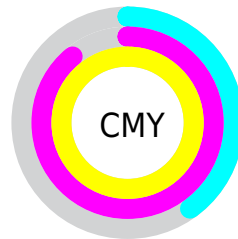


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4820, -30.8036, 80.2613 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 62.4820, -30.8036, 80.2613 by changing the saturation by 10% instead.

■ 62.4820, -30.8036,
80.2613

■ 62.4820, -30.8036,
80.2613

■ 252.3780,
-10.0464, 2.2995

■ 37.0760, -18.2785,
76.2323

■ 120.0650,
-35.0350, 84.1350

■ 27.8070, -13.7089,
57.1743

■ 148.2180,
-37.0825, 87.5088

■ 19.5490, -9.1447,
39.8605

■ 168.8960,
-35.4447, 75.5132

■ 10.5790, -4.7224,
21.4172


■ 188.2960,
-32.1909, 58.4994


■ 0.0000, 0.0000,
0.0000


■ 207.6960,
-28.9371, 41.4856


■ 227.7970,


-25.5359, 23.8570


 248.0120,
-21.6979, 6.1285


 62.4820, -30.8036,
80.2613

 71.8230, -28.0137,
72.0692

 80.6910, -24.4977,
64.2920

 90.0320, -21.7078,
56.0999

 98.9000, -18.1917,
48.3227

 108.2410,
-15.4018, 40.1306

■ 117.5820,
-12.6119, 31.9386

■ 126.4500, -9.0959,
24.1613

■ 135.7910, -6.3060,
15.9693

■ 144.6590, -2.7899,
8.1921

Harmonies

Analogous

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



57.1430, 0.4225, 98.0986



62.4820, -30.8036, 80.2613



73.7470, -36.3573, 41.4409

Triad

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



62.4820, -30.8036, 80.2613



62.6560, -8.7044, -54.9493



66.9900, 58.6719, -58.7502

Complementary

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



62.4820, -30.8036, 80.2613



91.5180, 30.8036, -80.2613

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.



75.4530, 53.0207, -66.1723



62.4820, -30.8036, 80.2613



70.3280, 15.6143, -61.6777

Square

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



62.4820, -30.8036, 80.2613



55.1780, -27.2028, -48.3911



75.4410, 37.7436, -66.1618



77.8820, 39.4982, 24.6595

Rectangle

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



62.4820, -30.8036, 80.2613



73.8810, -36.4233, 15.8904



75.4410, 37.7436, -66.1618



71.3270, 57.5198, -62.5538

Sweetspot

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



62.4820, -30.8036, 80.2613



165.3970, -12.0277, 31.2238



60.6380, 33.2095, 81.8785



80.1720, -7.4798, 19.1432



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



62.4820, -30.8036, 80.2613



81.8180, -40.3363, 104.5226



106.5070, -52.5080, 41.6514



71.9790, -1.4686, 4.4034



57.1220, -28.1611, 72.6840



5.0610, -2.4951, 6.9625

Inverse Universe

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



91.5180, 30.8036, -80.2613



119.7690, 40.0469, -105.0374



47.4930, 52.5080, -41.6514



73.4340, 1.7580, -3.8886



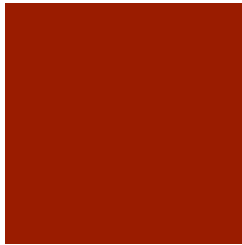
83.4650, 27.8718, -73.1988



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 62.4820, -30.8036, 80.2613 looks on a white background.

Color Contrast Check

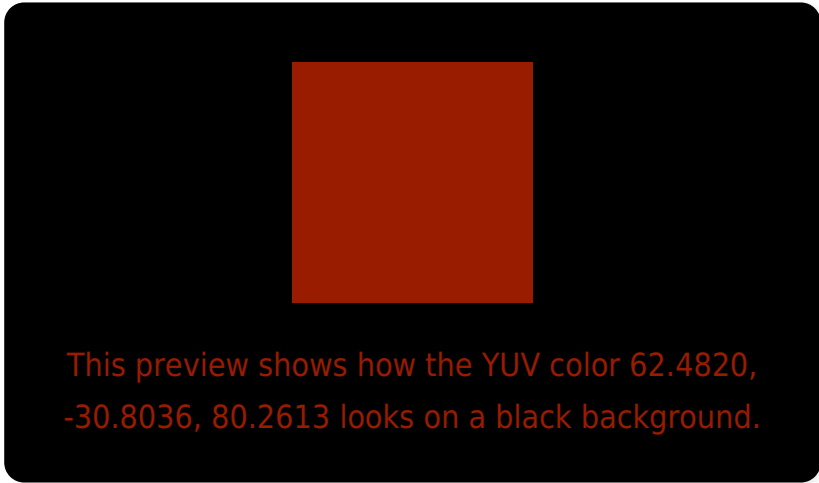
Large Text (above 18pt) WCAG AA ✓ Pass

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

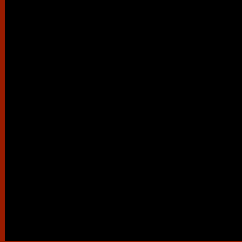
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4820, -30.8036, 80.2613

Background



This preview shows how black text looks on a background with the YUV color 62.4820, -30.8036, 80.2613.



This preview shows how white text looks on a background with the YUV color 62.4820, -30.8036,

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

62.4820, -30.8036, 80.2613

Protanopia

76.0360, -28.1187, 12.2464

Deuteranopia

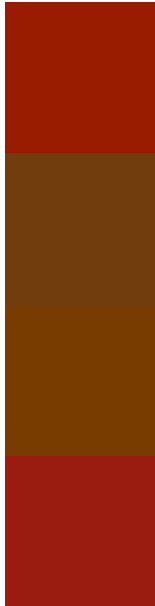
74.8110, -36.8818, 22.9678



Tritanopia

64.1580, -19.3049, 78.7914

Trichromacy



Original Color

62.4820, -30.8036, 80.2613

Protanomaly

70.9620, -29.0683, 36.8673

Deuteranomaly

70.5130, -34.7629, 43.4001

Tritanomaly

63.7190, -23.5255, 79.1764

Monochromacy



Original Color

62.4820, -30.8036, 80.2613

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2010, -11.4381, 28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4820, -30.8036, 80.2613 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(154, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 28, 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(154, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 28, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.4820, -30.8036, 80.2613 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(154, 28, 0) }
```


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

```
.border{ border-color:rgb(154, 28, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 28, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 28, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4820, -30.8036, 80.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 28, 0) }
```

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

```
.background{ background-color: rgb(154, 28,  
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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