

Converting Colors

YUV(62.1830, -30.6562,
79.6465)

Have a look what the booklet for
YUV(62.1830, -30.6562, 79.6465)
contains.

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Color

**YUV(62.1830, -30.6562,
79.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	991C00
RGB	153, 28, 0
RGB Percent	60%, 11%, 0%
CMY	0.4000, 0.8902, 1.0000
CMYK	0.00, 0.82, 1.00, 0.40
HSL	11°, 100%, 30%
HSV	11°, 100%, 60%
XYZ	13.5521, 7.6028, 0.7532
YIQ	62.1830, 83.4880, 17.7920

Conversions

Conversions Part 2

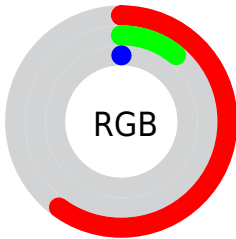
Format	Color
RYB	153, 34, 0
Decimal	10034176
CIELab	33.14, 49.39, 46.37
CIELCh	33, 67.748, 43.189
Yxy	7.6028, 0.6186, 0.3470
Android (android.graphics.Color)	4288224256 (0xFF991C00)
YUV	62.1830, -30.6562, 79.6465
Hunter-Lab	27.5732, 39.4790, 17.6816

Details

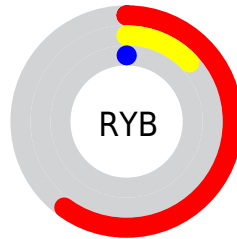
The YUV color **62.1830, -30.6562, 79.6465** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **90.8170, 30.6562, -79.6465**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7660, -34.8876, 83.5202**, and **27.5080, -13.5614, 56.5595** is the 20% darker color. If you saturate the color by 10%, you get **62.1830, -30.6562, 79.6465**, and if you desaturate by 10%, it is **70.9370, -27.5769, 71.9693**.

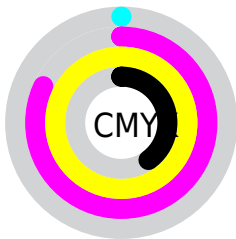
Distribution



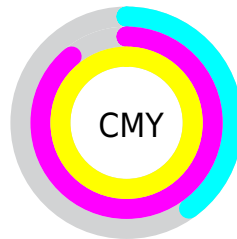
- Red (60%)
- Green (11%)
- Blue (0%)



- 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 62.1830, -30.6562, 79.6465 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 62.1830, -30.6562, 79.6465 by changing the saturation by 10% instead.


 62.1830, -30.6562,
79.6465

 62.1830, -30.6562,
79.6465


 252.3780,
-10.0464, 2.2995

 36.7770, -18.1311,
75.6176


 119.7660,
-34.8876, 83.5202


 27.5080, -13.5614,
56.5595

 147.8050,
-37.3719, 86.9940


 19.2500, -8.9972,
39.2458

 168.8960,
-35.4447, 75.5132

 10.2800, -4.5750,
20.8024


 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

 62.1830, -30.6562,
79.6465

 70.9370, -27.5769,
71.9693

 80.3920, -24.3503,
63.6772

 89.7330, -21.5604,
55.4852

 98.4870, -18.4811,
47.8079

 107.9420,
-15.2544, 39.5159

■ 116.6960,
-12.1751, 31.8386

■ 125.4500, -9.0958,
24.1614

■ 134.7910, -6.3060,
15.9693

■ 143.6590, -2.7899,
8.1921

Harmonies

Analogous

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



56.4310, 0.2805, 96.9690



62.1830, -30.6562, 79.6465



73.4480, -36.2099, 40.8261

Triad

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



62.1830, -30.6562, 79.6465



61.9550, -8.8518, -54.3345



66.7620, 57.7983, -58.5503

Complementary

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



62.1830, -30.6562, 79.6465



90.8170, 30.6562, -79.6465

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.



75.3390, 52.5839, -66.0723



62.1830, -30.6562, 79.6465



69.6270, 15.4669, -61.0629

Square

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



62.1830, -30.6562, 79.6465



54.5910, -26.9134, -47.8763



75.3270, 37.3068, -66.0618



77.7680, 39.0614, 24.7595

Rectangle

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



62.1830, -30.6562, 79.6465



72.9950, -35.9865, 15.7904



75.3270, 37.3068, -66.0618



70.6260, 57.3724, -61.9390

Sweetspot

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



62.1830, -30.6562, 79.6465



163.3970, -12.0277, 31.2238



60.2250, 32.9201, 81.3637



77.9870, -6.8956, 18.4284



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



62.1830, -30.6562, 79.6465



80.6330, -39.7521, 103.8079



105.6210, -52.0712, 41.5514



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.



90.8170, 30.6562, -79.6465



118.3670, 39.7521, -103.8079



47.3790, 52.0712, -41.5514



73.4340, 1.7580, -3.8886



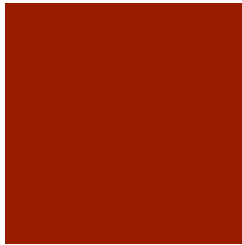
83.4650, 27.8718, -73.1988



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 62.1830, -30.6562, 79.6465 looks on a white background.

Color Contrast Check

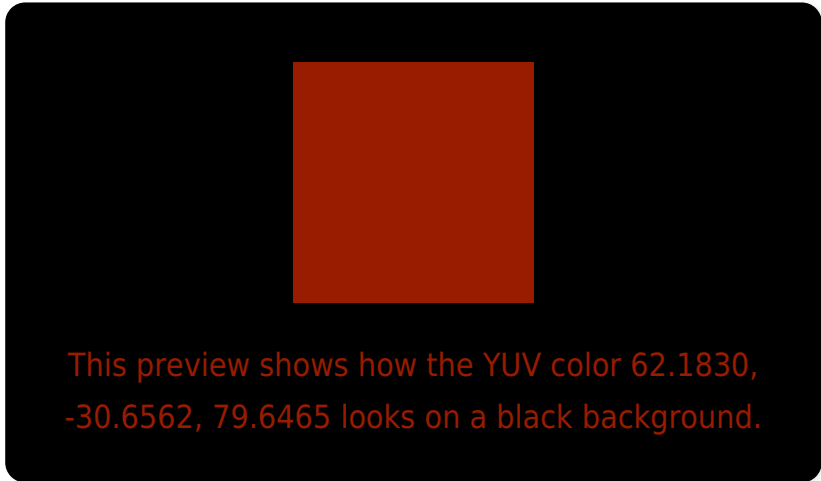
Large Text (above 18pt) WCAG AA ✓ Pass

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

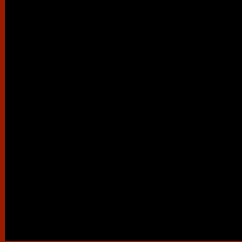
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1830, -30.6562, 79.6465

Background



This preview shows how black text looks on a background with the YUV color 62.1830, -30.6562, 79.6465.



This preview shows how white text looks on a background with the YUV color 62.1830, -30.6562,

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

62.1830, -30.6562, 79.6465

Protanopia

76.0360, -28.1187, 12.2464

Deuteranopia

74.8110, -36.8818, 22.9678



Tritanopia

63.8590, -19.1575, 78.1767

Trichromacy



Original Color

62.1830, -30.6562, 79.6465

Protanomaly

70.9620, -29.0683, 36.8673

Deuteranomaly

70.5130, -34.7629, 43.4001

Tritanomaly

63.4200, -23.3781, 78.5617

Monochromacy



Original Color

62.1830, -30.6562, 79.6465

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 62.1830, -30.6562, 79.6465 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(153, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 28, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.1830, -30.6562, 79.6465 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(153, 28, 0) }
```


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

```
.border{ border-color:rgb(153, 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(153, 28, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 28, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1830, -30.6562, 79.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 28, 0) }
```

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

```
.background{ background-color: rgb(153, 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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