

Converting Colors

YUV(65.7230, -19.5834,
74.7879)

Have a look what the booklet for
YUV(65.7230, -19.5834, 74.7879)
contains.

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Color

**YUV(65.7230, -19.5834,
74.7879)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 971E1A |
| RGB | 151, 30, 26 |
| RGB Percent | 59%, 12%, 10% |
| CMY | 0.4078, 0.8824, 0.8980 |
| CMYK | 0.00, 0.80, 0.83, 0.41 |
| HSL | 2°, 71%, 35% |
| HSV | 2°, 83%, 59% |
| XYZ | 13.4132, 7.5824, 1.7339 |
| YIQ | 65.7230, 73.4000, 24.4080 |

Conversions

Conversions Part 2

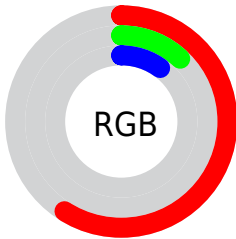
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 151, 30, 26 |
| Decimal | 9903642 |
| CIELab | 33.10, 48.69, 34.33 |
| CIELCh | 33, 59.577, 35.191 |
| Yxy | 7.5824, 0.5901, 0.3336 |
| Android (android.graphics.Color) | 4288093722 (0xFF971E1A) |
| YUV | 65.7230, -19.5834, 74.7879 |
| Hunter-Lab | 27.5362, 38.7611, 15.5420 |

Details

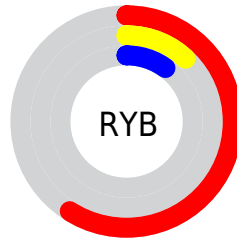
The YUV color **65.7230, -19.5834, 74.7879** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **111.2770, 19.5834, -74.7879**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9640, -25.1253, 78.9616**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **55.2080, -21.7945, 84.0096**, and if you desaturate by 10%, it is **76.2380, -17.3723, 65.5663**.

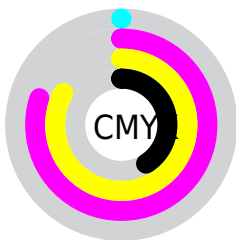
Distribution



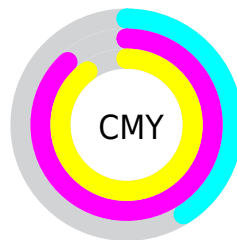
- Red (59%)
- Green (12%)
- Blue (10%)



- Red (59%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (83%)
- Black (41%)



- Cyan (41%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7230, -19.5834, 74.7879 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 65.7230, -19.5834, 74.7879 by changing the saturation by 10% instead.

■ 65.7230, -19.5834,
74.7879

■ 65.7230, -19.5834,
74.7879

255.0000, 0.0000,
0.0000

■ 36.4070, -16.9627,
74.1881

■ 121.9640,
-25.1253, 78.9616

■ 27.2090, -13.4140,
55.9447

■ 149.8180,
-27.0253, 81.7206

■ 18.9510, -8.8498,
38.6310

■ 171.9910,
-26.1246, 72.7989

■ 9.9810, -4.4276,
20.1877


■ 191.3910,
-22.8708, 55.7851


■ 0.0000, 0.0000,
0.0000


■ 210.9050,
-19.1802, 38.6713


■ 231.0060,


-15.7790, 21.0427


 251.3350,
-11.5042, 3.2142


 65.7230, -19.5834,
74.7879


 65.7230, -19.5834,
74.7879

 55.2080, -21.7945,
84.0096

 76.2380, -17.3723,
65.5663

 48.0840, -23.7054,
90.2573

 86.1660, -14.8718,
56.8594

 96.6810, -12.6607,
47.6378

 106.6090,
-10.1602, 38.9309

 117.2380, -7.5123,
29.6093

■ 127.7530, -5.3012,
20.3876

■ 137.6810, -2.8007,
11.6808

■ 148.1960, -0.5896,
2.4591

■ 158.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



55.4500, 8.1592, 89.9364



65.7230, -19.5834, 74.7879



72.8940, -35.9367, 46.5740

Triad

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



65.7230, -19.5834, 74.7879



59.7550, -12.2042, -52.4051



67.8560, 51.8360, -59.5097

Complementary

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



65.7230, -19.5834, 74.7879



111.2770, 19.5834, -74.7879

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.



73.2870, 44.7215, -64.2727



65.7230, -19.5834, 74.7879



66.6290, 9.0569, -58.4336

Square

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



65.7230, -19.5834, 74.7879



63.5940, -31.3518, -24.1999



71.8730, 29.1496, -63.0326



78.7070, 38.1054, 4.6420

Rectangle

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



65.7230, -19.5834, 74.7879



73.3490, -36.1611, 25.1269



71.8730, 29.1496, -63.0326



70.2040, 50.6784, -61.5689

Sweetspot

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



65.7230, -19.5834, 74.7879



162.8250, -7.8017, 29.0945



77.3970, 35.3003, 64.5498



79.2580, -4.5642, 17.3137



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.



65.7230, -19.5834, 74.7879



63.5280, -30.3333, 116.1779



101.5300, -37.2363, 43.3852



71.3920, -1.1793, 4.9182



44.2080, -21.7945, 84.0096



3.8870, -1.9163, 7.9921

Inverse Universe

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



111.2770, 19.5834, -74.7879



134.4720, 30.3333, -116.1779



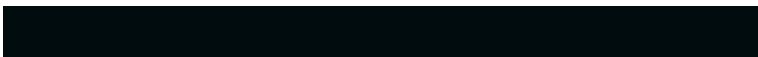
75.4700, 37.2363, -43.3852



74.0210, 1.4686, -4.4034



95.7920, 21.7945, -84.0096



8.5260, 2.2057, -7.4773

Previews

White Background



This preview shows how the YUV color 65.7230, -19.5834, 74.7879 looks on a white background.

Color Contrast Check

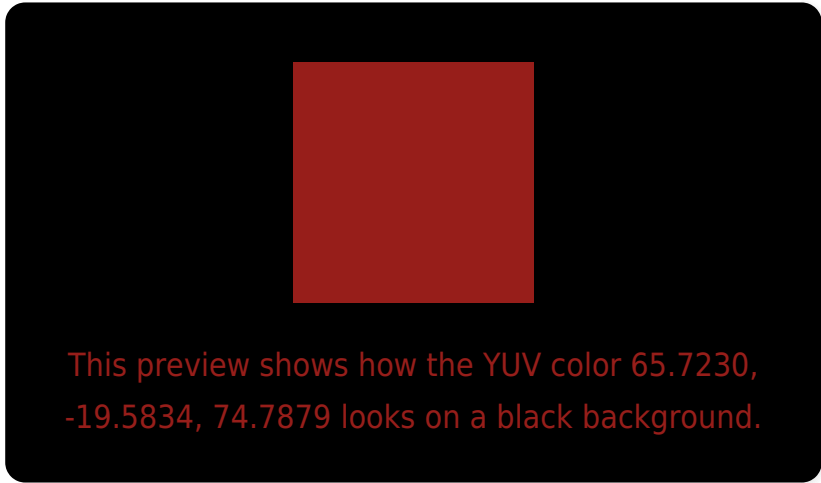
Large Text (above 18pt) WCAG AA ✓ Pass

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

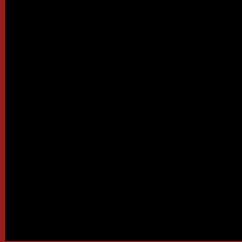
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7230, -19.5834, 74.7879

Background



This preview shows how black text looks on a background with the YUV color 65.7230, -19.5834, 74.7879.



This preview shows how white text looks on a background with the YUV color 65.7230, -19.5834,

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

65.7230, -19.5834, 74.7879

Protanopia

77.7180, -19.0880, 9.0173

Deuteranopia

75.2930, -31.2034, 21.6680



Tritanopia

66.0650, -18.2730, 74.4880

Trichromacy



Original Color

65.7230, -19.5834, 74.7879

Protanomaly

73.4590, -19.4533, 32.9235

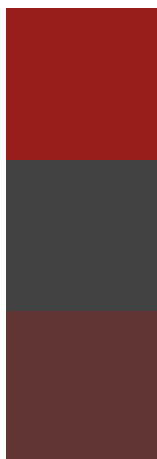
Deuteranomaly

72.1520, -27.1899, 41.0857

Tritanomaly

65.9510, -18.7098, 74.5880

Monochromacy



Original Color

65.7230, -19.5834, 74.7879

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9280, -7.3595, 27.2501

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7230, -19.5834, 74.7879 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(151, 30, 26)` looks like.

```
.text, #text, p{  
    color:rgb(151, 30, 26)  
}
```

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(151, 30, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 30, 26) }
```

Border

The CSS property to change the border of an element to YUV 65.7230, -19.5834, 74.7879 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(151, 30, 26) }
```


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

```
.border{ border-color:rgb(151, 30, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 30, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 30, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 30, 26);  
box-shadow:4px 4px 4px 4px rgb(151, 30,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 65.7230, -19.5834, 74.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 30, 26) }
```

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

```
.background{ background-color: rgb(151, 30,  
26) }
```

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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