

Converting Colors

YUV(81.9730, -18.7207,
78.0767)

Have a look what the booklet for
YUV(81.9730, -18.7207, 78.0767)
contains.

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Color

**YUV(81.9730, -18.7207,
78.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2C2C
RGB	171, 44, 44
RGB Percent	67%, 17%, 17%
CMY	0.3294, 0.8275, 0.8275
CMYK	0.00, 0.74, 0.74, 0.33
HSL	0°, 59%, 42%
HSV	0°, 74%, 67%
XYZ	18.1499, 10.6411, 3.4802
YIQ	81.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

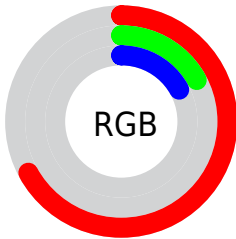
Format	Color
RYB	171, 44, 44
Decimal	11217964
CIELab	38.97, 50.99, 31.30
CIELCh	39, 59.832, 31.546
Yxy	10.6411, 0.5624, 0.3297
Android (android.graphics.Color)	4289408044 (0xFFAB2C2C)
YUV	81.9730, -18.7207, 78.0767
Hunter-Lab	32.6208, 42.2294, 16.5091

Details

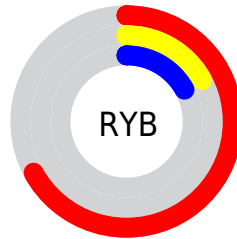
The YUV color **81.9730, -18.7207, 78.0767** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **133.0270, 18.7207, -78.0767**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0400, -23.6837, 83.2799**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **70.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **93.8900, -16.2148, 67.6255**.

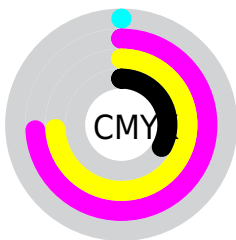
Distribution



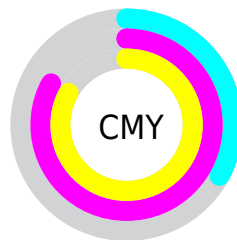
- Red (67%)
- Green (17%)
- Blue (17%)



- Red (67%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9730, -18.7207, 78.0767 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 81.9730, -18.7207, 78.0767 by changing the saturation by 10% instead.

■ 81.9730, -18.7207,
78.0767

■ 81.9730, -18.7207,
78.0767

■ 255.0000, 0.0000,
0.0000

■ 48.3030, -12.4744,
81.2953

■ 138.0400,
-23.6837, 83.2799

■ 33.1890, -16.3622,
68.2402

■ 163.9040,
-24.1097, 79.8912

■ 24.2190, -11.9400,
49.7969

■ 182.6030,
-21.0033, 63.4922

■ 16.6730, -7.2338,
33.6128

■ 202.1170,
-17.3127, 46.3784

■ 2.6910, -1.3267,
5.5330

■ 222.2180,
-13.9115, 28.7498

■ 0.0000, 0.0000,
0.0000

■ 242.4330,

-10.0735, 11.0213

254.5440, -1.7472,
0.3999

■ 81.9730, -18.7207,
78.0767

■ 81.9730, -18.7207,
78.0767

■ 70.0560, -21.2266,
88.5279

■ 93.8900, -16.2148,
67.6255

■ 58.1390, -23.7325,
98.9791

■ 105.8070,
-13.7089, 57.1743

■ 51.1290, -25.2066,
105.1269

■ 117.7240,
-11.2029, 46.7231

■ 129.6410, -8.6970,
36.2718

■ 141.5580, -6.1911,
25.8206

■ 154.1760, -3.5378,
14.7546

■ 166.0930, -1.0318,
4.3034

■ 178.0100, 1.4741,
-6.1478

■ 189.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



78.8360, 5.9969, 83.4588



81.9730, -18.7207, 78.0767



85.6300, -42.2156, 53.8215

Triad

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



81.9730, -18.7207, 78.0767



69.3580, -13.4875, -60.8270



78.5990, 54.9207, -68.9313

Complementary

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



81.9730, -18.7207, 78.0767



133.0270, 18.7207, -78.0767

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.



83.6880, 46.4958, -73.3944



81.9730, -18.7207, 78.0767



76.9330, 7.9210, -67.4702

Square

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



81.9730, -18.7207, 78.0767



78.4010, -38.6517, -16.1377



81.9320, 29.6135, -71.8544



92.1730, 41.3267, -1.9057

Rectangle

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



81.9730, -18.7207, 78.0767



86.6720, -42.7293, 31.8597



81.9320, 29.6135, -71.8544



81.4200, 53.0369, -71.4053

Sweetspot

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



81.9730, -18.7207, 78.0767



187.6510, -7.2229, 30.1241



96.4510, 36.7527, 65.3795



91.6710, -4.2748, 17.8285



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



81.9730, -18.7207, 78.0767



83.2020, -29.1866, 121.7258



118.9540, -36.9523, 45.6443



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



133.0270, 18.7207, -78.0767



162.7980, 29.1866, -121.7258



95.4590, 37.2417, -45.1295



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 81.9730, -18.7207, 78.0767 looks on a white background.

Color Contrast Check

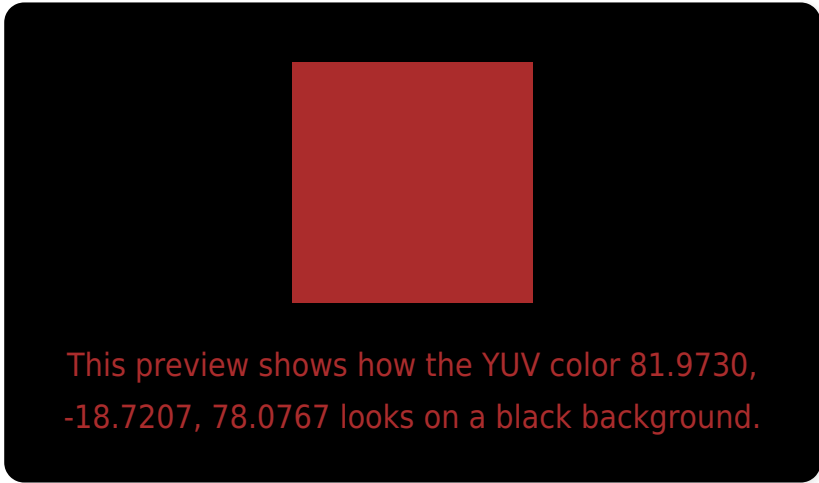
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 81.9730, -18.7207, 78.0767

Background



This preview shows how black text looks on a background with the YUV color 81.9730, -18.7207, 78.0767.



This preview shows how white text looks on a background with the YUV color 81.9730, -18.7207,

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

81.9730, -18.7207, 78.0767

Protanopia

91.6300, -15.5936, 8.2175

Deuteranopia

90.4440, -26.8409, 22.4126



Tritanopia

82.0870, -18.2839, 77.9767

Trichromacy



Original Color

81.9730, -18.7207, 78.0767

Protanomaly

87.8550, -16.6905, 33.4532

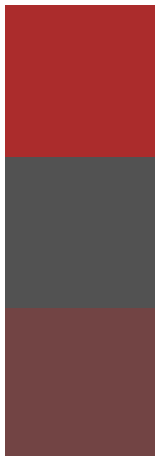
Deuteranomaly

87.3740, -23.8484, 42.6450

Tritanomaly

82.0870, -18.2839, 77.9767

Monochromacy



Original Color

81.9730, -18.7207, 78.0767

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7540, -6.7807, 28.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9730, -18.7207, 78.0767 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(171, 44, 44)` looks like.

```
.text, #text, p{  
    color:rgb(171, 44, 44)  
}
```

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(171, 44, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 44, 44) }
```

Border

The CSS property to change the border of an element to YUV 81.9730, -18.7207, 78.0767 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(171, 44, 44) }
```


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

```
.border{ border-color:rgb(171, 44, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 44, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 44, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 44, 44);  
box-shadow:4px 4px 4px 4px rgb(171, 44,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 81.9730, -18.7207, 78.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 44, 44) }
```

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

```
.background{ background-color: rgb(171, 44,  
44) }
```

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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