

Converting Colors

YUV(52.9730, -18.7207,
78.0767)

Have a look what the booklet for
YUV(52.9730, -18.7207, 78.0767)
contains.

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Color

**YUV(52.9730, -18.7207,
78.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0F0F
RGB	142, 15, 15
RGB Percent	56%, 6%, 6%
CMY	0.4431, 0.9412, 0.9412
CMYK	0.00, 0.89, 0.89, 0.44
HSL	0°, 81%, 31%
HSV	0°, 89%, 56%
XYZ	11.4124, 6.1269, 1.0331
YIQ	52.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

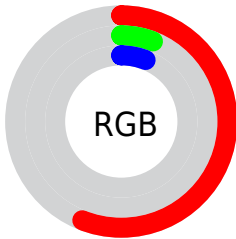
Format	Color
RYB	142, 15, 15
Decimal	9309967
CIELab	29.73, 49.56, 36.51
CIELCh	30, 61.550, 36.377
Yxy	6.1269, 0.6145, 0.3299
Android (android.graphics.Color)	4287500047 (0xFF8E0F0F)
YUV	52.9730, -18.7207, 78.0767
Hunter-Lab	24.7526, 38.9817, 14.8524

Details

The YUV color **52.9730, -18.7207, 78.0767** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **104.0270, 18.7207, -78.0767**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0350, -26.1463, 79.7763**, and **24.5180, -12.0874, 50.4117** is the 20% darker color. If you saturate the color by 10%, you get **43.1590, -20.7844, 86.6836**, and if you desaturate by 10%, it is **62.7870, -16.6570, 69.4698**.

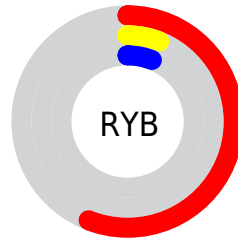
Distribution



Red (56%)

Green (6%)

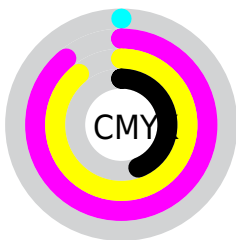
Blue (6%)



Red (56%)

Yellow (6%)

Blue (6%)

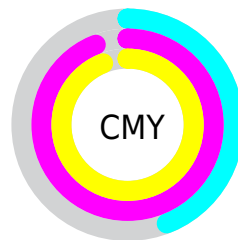


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (44%)



Cyan (44%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 52.9730, -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 52.9730, -18.7207, 78.0767 by changing the saturation by 10% instead.


 52.9730, -18.7207,
78.0767

 52.9730, -18.7207,
78.0767


 253.5180, -5.6784,
1.2997


 33.4880, -16.5096,
68.8550


 112.0350,
-26.1463, 79.7763


 24.5180, -12.0874,
50.4117

 139.8890,
-28.0463, 82.5353


 16.9720, -7.3812,
34.2276

 164.7530,
-28.4722, 79.1466

 3.8870, -1.9163,
7.9921

 183.5660,
-24.9290, 62.6476

 0.0000, 0.0000,
0.0000

 202.9660,
-21.6752, 45.6338

 223.0670,

-18.2740, 28.0052

■ 243.2820,
-14.4360, 10.2767

■ 52.9730, -18.7207,
78.0767

■ 52.9730, -18.7207,
78.0767

■ 43.1590, -20.7844,
86.6836

■ 62.7870, -16.6570,
69.4698

■ 42.4580, -20.9318,
87.2983

■ 72.6010, -14.5933,
60.8629

■ 83.1160, -12.3822,
51.6413

■ 92.9300, -10.3185,
43.0344

■ 102.7440, -8.2548,
34.4275

■ 112.5580, -6.1911,
25.8206

■ 122.3720, -4.1274,
17.2138

■ 132.8870, -1.9163,
7.9921

■ 142.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



51.9180, 4.9704, 86.0179



52.9730, -18.7207, 78.0767



65.2080, -32.1475, 44.5446

Triad

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



52.9730, -18.7207, 78.0767



54.2610, -12.9467, -47.5869



62.4760, 51.5303, -54.7915

Complementary

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



52.9730, -18.7207, 78.0767



104.0270, 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.



68.0210, 44.8526, -59.6544



52.9730, -18.7207, 78.0767



61.2490, 8.7512, -53.7154

Square

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



52.9730, -18.7207, 78.0767



54.4130, -26.8256, -29.3032



66.6070, 29.2807, -58.4143



70.1310, 38.3894, 6.9011

Rectangle

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



52.9730, -18.7207, 78.0767



66.2500, -32.6613, 22.5828



66.6070, 29.2807, -58.4143



65.4110, 50.0834, -57.3654

Sweetspot

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



52.9730, -18.7207, 78.0767



148.9500, -7.3704, 30.7388



67.4510, 36.7527, 65.3795



70.9700, -4.4222, 18.4433



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



52.9730, -18.7207, 78.0767



55.0160, -27.1229, 113.1190



90.5410, -37.2417, 45.1295



66.0930, -1.0318, 4.3034



40.3650, -19.8999, 82.9949



2.3920, -1.1793, 4.9182

Inverse Universe

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



104.0270, 18.7207, -78.0767



128.9840, 27.1229, -113.1190



67.0460, 36.9523, -45.6443



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Previews

White Background



This preview shows how the YUV color 52.9730, -18.7207, 78.0767 looks on a white background.

Color Contrast Check

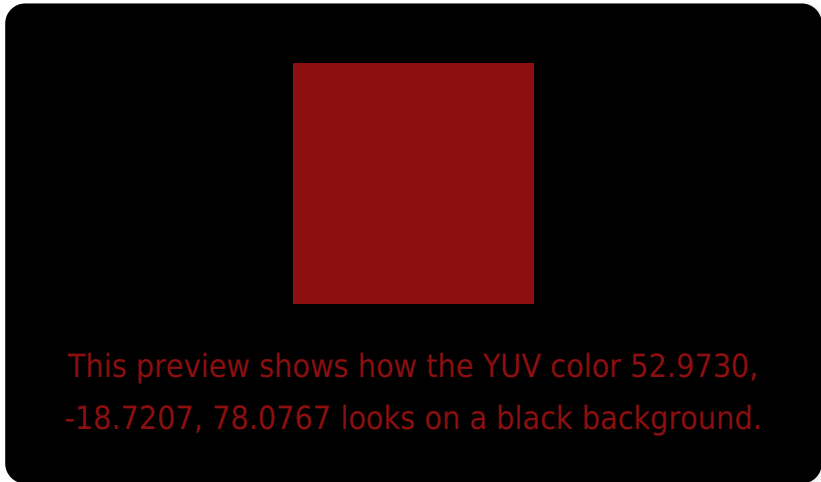
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

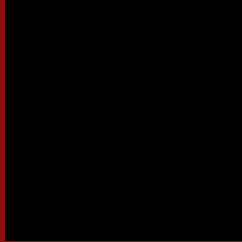
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9730, -18.7207, 78.0767

Background



This preview shows how black text looks on a background with the YUV color 52.9730, -18.7207, 78.0767.



This preview shows how white text looks on a background with the YUV color 52.9730, -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

52.9730, -18.7207, 78.0767

Protanopia

70.1480, -21.2720, 9.5172

Deuteranopia

67.7120, -33.3820, 20.4236



Tritanopia

53.1040, -20.7573, 77.9618

Trichromacy



Original Color

52.9730, -18.7207, 78.0767

Protanomaly

63.9430, -20.1849, 34.2530

Deuteranomaly

62.2230, -28.2109, 41.9004

Tritanomaly

53.2180, -20.3205, 77.8618

Monochromacy



Original Color

52.9730, -18.7207, 78.0767

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7540, -6.7807, 28.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9730, -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(142, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(142, 15, 15)  
}
```

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(142, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 15, 15) }
```

Border

The CSS property to change the border of an element to YUV 52.9730, -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(142, 15, 15) }
```


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

```
.border{ border-color:rgb(142, 15, 15) }
```

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

Here you see how a box with a 4 pixel rgb(142, 15, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(142, 15,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 52.9730, -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(142, 15, 15) }
```

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

```
.background{ background-color: rgb(142, 15,  
15) }
```

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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