

Converting Colors

YUV(52.1940, -10.4486,
84.8989)

Have a look what the booklet for
YUV(52.1940, -10.4486, 84.8989)
contains.

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Color

**YUV(52.1940, -10.4486,
84.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	95071F
RGB	149, 7, 31
RGB Percent	58%, 3%, 12%
CMY	0.4157, 0.9725, 0.8784
CMYK	0.00, 0.95, 0.79, 0.42
HSL	350°, 91%, 31%
HSV	350°, 95%, 58%
XYZ	12.7177, 6.6404, 1.9078
YIQ	52.1940, 76.9280, 37.5680

Conversions

Conversions Part 2

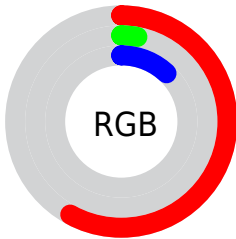
Format	Color
R_{YB}	149, 7, 31
Decimal	9766687
CIE Lab	30.97, 53.26, 29.04
CIE LCh	31, 60.667, 28.603
Yxy	6.6404, 0.5980, 0.3123
Android (android.graphics.Color)	4287956767 (0xFF95071F)
YUV	52.1940, -10.4486, 84.8989
Hunter-Lab	25.7691, 42.9987, 13.6489

Details

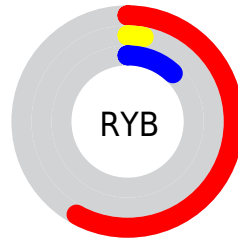
The YUV color **52.1940, -10.4486, 84.8989** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **103.8060, 10.4486, -84.8989**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3650, -19.8999, 82.9949**, and **26.6110, -13.1192, 54.7152** is the 20% darker color. If you saturate the color by 10%, you get **47.4010, -11.0437, 89.1023**, and if you desaturate by 10%, it is **62.3670, -9.5479, 75.9771**.

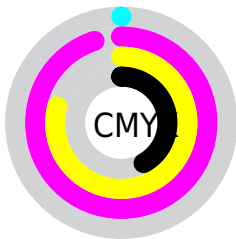
Distribution



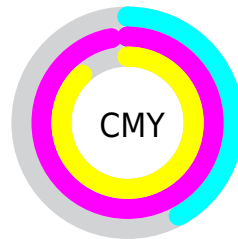
- Red (58%)
- Green (3%)
- Blue (12%)



- Red (58%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (95%)
- Yellow (79%)
- Black (42%)





- Cyan (42%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.1940, -10.4486, 84.8989 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 52.1940, -10.4486, 84.8989 by changing the saturation by 10% instead.


 52.1940, -10.4486,
84.8989


 52.1940, -10.4486,
84.8989


255.0000, 0.0000,
0.0000

 36.6070, -13.6103,
72.2587


 115.3650,
-19.8999, 82.9949


 26.6110, -13.1192,
54.7152


 143.2190,
-21.8000, 85.7539

 18.7660, -8.2656,
37.9162

 166.6910,
-21.0467, 77.4470

 8.4860, -3.6906,
17.1138

 186.0910,
-17.7929, 60.4332

 0.0000, 0.0000,
0.0000

 205.6050,
-14.1023, 43.3194

 225.7060,

-10.7011, 25.6908

245.9210, -6.8631,
7.9623

52.1940, -10.4486,
84.8989

52.1940, -10.4486,
84.8989

47.4010, -11.0437,
89.1023

62.3670, -9.5479,
75.9771

72.6540, -8.2104,
66.9554

82.8270, -7.3097,
58.0337

93.1140, -5.9722,
49.0120

103.2870, -5.0715,
40.0903

■ 112.8730, -3.8814,
31.6834

■ 123.1600, -2.5439,
22.6617

■ 133.3330, -1.6432,
13.7400

■ 143.5060, -0.7425,
4.8182

Harmonies

Analogous

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



53.9270, 11.3750, 85.1330



52.1940, -10.4486, 84.8989



66.1490, -32.6115, 53.3663

Triad

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



52.1940, -10.4486, 84.8989



54.0670, -18.7670, -47.4168



66.2260, 50.6676, -58.0802

Complementary

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



52.1940, -10.4486, 84.8989



103.8060, 10.4486, -84.8989

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.



69.7990, 41.5111, -61.2137



52.1940, -10.4486, 84.8989



61.8700, 3.5151, -54.2600

Square

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



52.1940, -10.4486, 84.8989



62.1760, -30.6528, -15.0634



67.3420, 24.4814, -59.0589



70.5630, 43.1064, -12.7718

Rectangle

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



52.1940, -10.4486, 84.8989



68.9630, -33.9988, 31.6044



67.3420, 24.4814, -59.0589



68.3460, 48.6364, -59.9394

Sweetspot

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



52.1940, -10.4486, 84.8989



155.7700, -4.3236, 33.5277



57.8720, 44.9261, 57.1173



73.8500, -2.3910, 20.3026



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



52.1940, -10.4486, 84.8989



61.7680, -14.1826, 115.9675



75.8730, -33.9544, 64.1324



69.2070, -0.5951, 4.2035



43.8840, -10.2958, 82.5397



3.2180, -0.6005, 5.9478

Inverse Universe

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



52.1940, -10.4486, 84.8989



61.7680, -14.1826, 115.9675



80.1270, 33.9544, -64.1324



69.2070, -0.5951, 4.2035



43.8840, -10.2958, 82.5397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 52.1940, -10.4486, 84.8989 looks on a white background.

Color Contrast Check

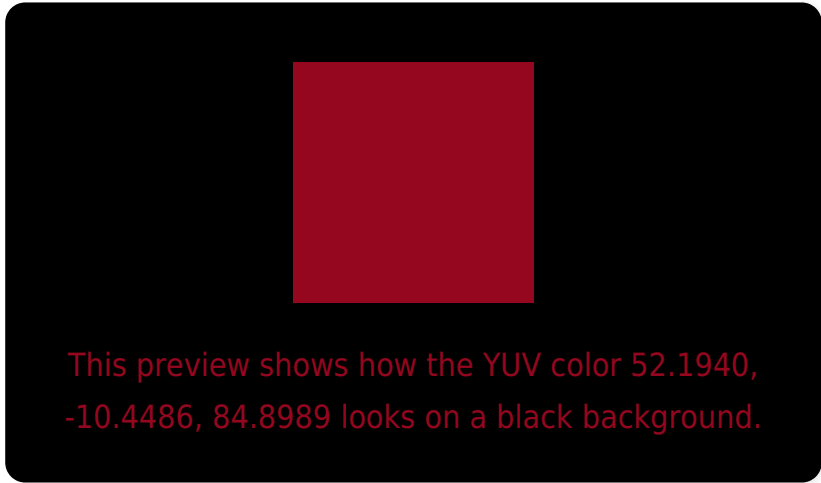
Large Text (above 18pt) WCAG AA ✓ Pass

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

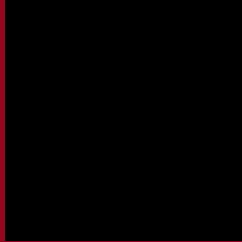
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.1940, -10.4486, 84.8989

Background



This preview shows how black text looks on a background with the YUV color 52.1940, -10.4486, 84.8989.



This preview shows how white text looks on a background with the YUV color 52.1940, -10.4486,

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

52.1940, -10.4486, 84.8989

Protanopia

74.6020, -13.1148, 6.4880

Deuteranopia

73.0630, -25.6671, 19.2387



Tritanopia

53.5670, -22.9575, 83.6947

Trichromacy



Original Color

52.1940, -10.4486, 84.8989

Protanomaly

66.4190, -12.0386, 34.7125

Deuteranomaly

65.4110, -19.9226, 43.4896

Tritanomaly

52.8320, -18.1582, 84.3393

Monochromacy



Original Color

52.1940, -10.4486, 84.8989

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1610, -4.0234, 30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.1940, -10.4486, 84.8989 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(149, 7, 31)` looks like.

```
.text, #text, p{  
    color:rgb(149, 7, 31)  
}
```

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(149, 7, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 7, 31) }
```

Border

The CSS property to change the border of an element to YUV 52.1940, -10.4486, 84.8989 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(149, 7, 31) }
```


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

```
.border{ border-color:rgb(149, 7, 31) }
```

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

Here you see how a box with a 4 pixel rgb(149, 7, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 7, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 7, 31);  
box-shadow:4px 4px 4px 4px rgb(149, 7, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.1940, -10.4486, 84.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 7, 31) }
```

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

```
.background{ background-color: rgb(149, 7,  
31) }
```

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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