

Converting Colors

YUV(70.1810, -7.4842, 67.3703)

Have a look what the booklet for
YUV(70.1810, -7.4842, 67.3703)
contains.

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Color

**YUV(70.1810, -7.4842,
67.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	932237
RGB	147, 34, 55
RGB Percent	58%, 13%, 22%
CMY	0.4235, 0.8667, 0.7843
CMYK	0.00, 0.77, 0.63, 0.42
HSL	349°, 62%, 35%
HSV	349°, 77%, 58%
XYZ	13.2942, 7.6229, 4.3851
YIQ	70.1810, 60.6070, 30.4870

Conversions

Conversions Part 2

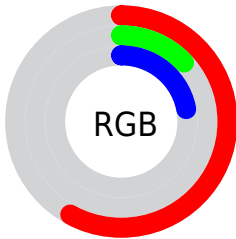
Format	Color
R_{YB}	147, 34, 55
Decimal	9642551
CIE Lab	33.18, 47.54, 16.25
CIE LCh	33, 50.240, 18.868
Yxy	7.6229, 0.5254, 0.3013
Android (android.graphics.Color)	4287832631 (0xFF932237)
YUV	70.1810, -7.4842, 67.3703
Hunter-Lab	27.6097, 37.6320, 9.9100

Details

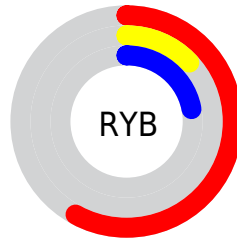
The YUV color **70.1810, -7.4842, 67.3703** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **110.8190, 7.4842, -67.3703**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4650, -11.5682, 70.6292**, and **28.2780, -8.0251, 54.1302** is the 20% darker color. If you saturate the color by 10%, you get **60.0080, -8.3849, 76.2920**, and if you desaturate by 10%, it is **80.3540, -6.5835, 58.4485**.

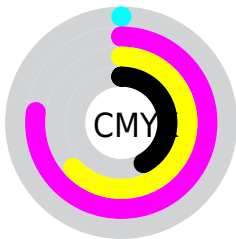
Distribution



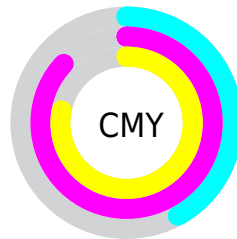
- Red (58%)
- Green (13%)
- Blue (22%)



- Red (58%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (63%)
- Black (42%)





- Cyan (42%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.1810, -7.4842, 67.3703 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 70.1810, -7.4842, 67.3703 by changing the saturation by 10% instead.


 70.1810, -7.4842,
67.3703

 70.1810, -7.4842,
67.3703


255.0000, 0.0000,
0.0000


 39.1580, -2.5429,
69.1444


 125.4650,
-11.5682, 70.6292


 28.2780, -8.0251,
54.1302

 153.0200,
-13.3209, 72.7735

 18.9510, -8.8498,
38.6310

 177.5140,
-12.5784, 67.9552

 9.6820, -4.2802,
19.5729

 196.4410, -8.5984,
51.3562

 0.0000, 0.0000,
0.0000

 216.6560, -4.7604,
33.6277

 236.2840, -0.6330,

16.4139

■ 70.1810, -7.4842,
67.3703

■ 70.1810, -7.4842,
67.3703

■ 60.0080, -8.3849,
76.2920

■ 80.3540, -6.5835,
58.4485

■ 50.4220, -9.5750,
84.6989

■ 89.9400, -5.3934,
50.0416

■ 47.0310, -9.8753,
87.6728

■ 100.1130, -4.4927,
41.1199

■ 110.2860, -3.5920,
32.1982

■ 120.4590, -2.6913,
23.2765

■ 130.0450, -1.5012,
14.8695

■ 140.2180, -0.6005,
5.9478

■ 150.3910, 0.3002,
-2.9739

■ 159.9770, 1.4903,
-11.3808

Harmonies

Analogous

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



72.9470, 10.8721, 59.6825



70.1810, -7.4842, 67.3703



73.1150, -27.6647, 53.3961

Triad

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



70.1810, -7.4842, 67.3703



59.1710, -19.8043, -41.3690



68.9670, 43.4003, -60.4841

Complementary

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



70.1810, -7.4842, 67.3703



110.8190, 7.4842, -67.3703

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.



70.9100, 33.0754, -62.1881



70.1810, -7.4842, 67.3703



62.7190, -0.8475, -55.0046

Square

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



70.1810, -7.4842, 67.3703



70.8360, -34.9221, 1.0208



68.0940, 17.2087, -59.7184



72.0570, 40.3979, -30.7450

Rectangle

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



70.1810, -7.4842, 67.3703



73.1380, -36.0570, 38.4670



68.0940, 17.2087, -59.7184



70.1580, 40.3481, -61.5286

Sweetspot

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



70.1810, -7.4842, 67.3703



161.0680, -2.9915, 26.2504



73.7920, 36.0915, 44.0324



78.6430, -1.7960, 16.0991



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.



70.1810, -7.4842, 67.3703



71.3860, -11.5293, 104.9015



87.7450, -26.4963, 51.9666



69.2070, -0.5951, 4.2035



44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Inverse Universe

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



70.1810, -7.4842, 67.3703



71.3860, -11.5293, 104.9015



93.2550, 26.4963, -51.9666



69.2070, -0.5951, 4.2035



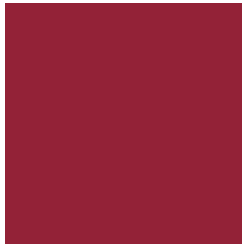
44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 70.1810, -7.4842, 67.3703 looks on a white background.

Color Contrast Check

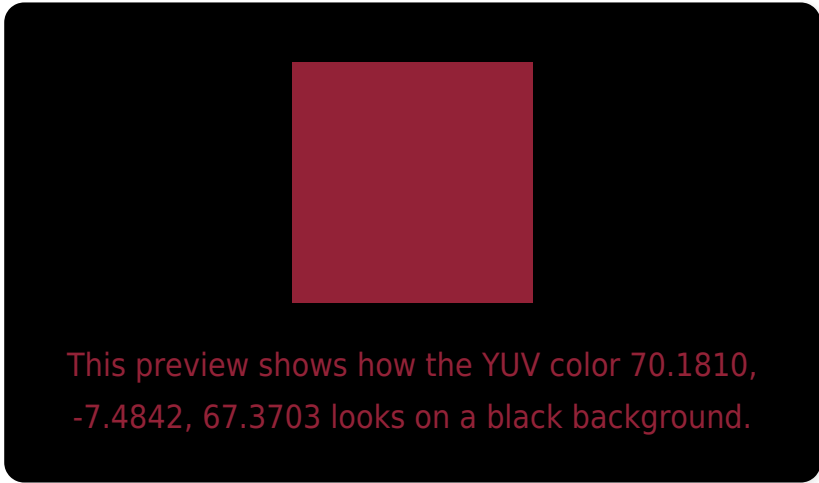
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.1810, -7.4842, 67.3703

Background



This preview shows how black text looks on a background with the YUV color 70.1810, -7.4842, 67.3703.



This preview shows how white text looks on a background with the YUV color 70.1810, -7.4842,

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

70.1810, -7.4842, 67.3703

Protanopia

79.3270, -2.6262, 2.3442

Deuteranopia

78.9020, -14.7417, 14.9949



Tritanopia

69.8190, -15.1938, 66.8107

Trichromacy



Original Color

70.1810, -7.4842, 67.3703

Protanomaly

76.3130, -4.5913, 26.0355

Deuteranomaly

76.0060, -12.3280, 34.1977

Tritanomaly

69.9160, -12.2836, 66.7257

Monochromacy



Original Color

70.1810, -7.4842, 67.3703

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1810, -7.4842, 67.3703 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(147, 34, 55)` looks like.

```
.text, #text, p{  
    color:rgb(147, 34, 55)  
}
```

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(147, 34, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 34, 55) }
```

Border

The CSS property to change the border of an element to YUV 70.1810, -7.4842, 67.3703 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(147, 34, 55) }
```


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

```
.border{ border-color:rgb(147, 34, 55) }
```

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

Here you see how a box with a 4 pixel rgb(147, 34, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 34, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 34, 55);  
box-shadow:4px 4px 4px 4px rgb(147, 34,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 70.1810, -7.4842, 67.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 34, 55) }
```

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

```
.background{ background-color: rgb(147, 34,  
55) }
```

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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