

Converting Colors

YUV(86.7910, -19.6170,
38.7713)

Have a look what the booklet for
YUV(86.7910, -19.6170, 38.7713)
contains.

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Color

**YUV(86.7910, -19.6170,
38.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	83482F
RGB	131, 72, 47
RGB Percent	51%, 28%, 18%
CMY	0.4863, 0.7176, 0.8157
CMYK	0.00, 0.45, 0.64, 0.49
HSL	18°, 47%, 35%
HSV	18°, 64%, 51%
XYZ	12.1905, 9.6653, 3.9124
YIQ	86.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

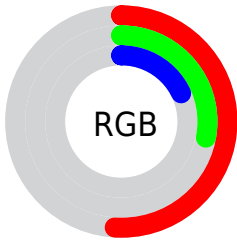
Format	Color
RYB	131, 83, 47
Decimal	8603695
CIELab	37.23, 22.69, 25.79
CIELCh	37, 34.350, 48.652
Yxy	9.6653, 0.4731, 0.3751
Android (android.graphics.Color)	4286793775 (0xFF83482F)
YUV	86.7910, -19.6170, 38.7713
Hunter-Lab	31.0890, 15.5871, 14.3010

Details

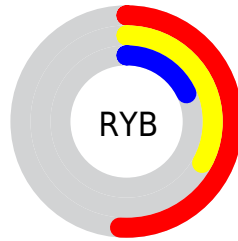
The YUV color **86.7910, -19.6170, 38.7713** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **91.2090, 19.6170, -38.7713**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6560, -21.5224, 43.2747**, and **38.2850, -18.8745, 33.9531** is the 20% darker color. If you saturate the color by 10%, you get **80.0260, -22.6908, 44.7042**, and if you desaturate by 10%, it is **93.5560, -16.5431, 32.8384**.

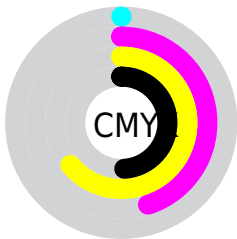
Distribution



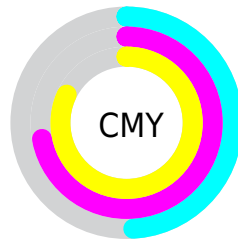
- Red (51%)
- Green (28%)
- Blue (18%)



- Red (51%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (45%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7910, -19.6170, 38.7713 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 86.7910, -19.6170, 38.7713 by changing the saturation by 10% instead.

■ 86.7910, -19.6170,
38.7713

■ 86.7910, -19.6170,
38.7713

■ 255.0000, 0.0000,
0.0000

■ 62.7090, -18.5905,
36.2122

■ 137.6560,
-21.5224, 43.2747

■ 38.2850, -18.8745,
33.9531

■ 164.4390,
-22.4014, 45.2190

■ 18.1840, -8.9647,
28.7796

■ 192.1080,
-23.7172, 47.2633

■ 6.8770, -3.3904,
14.1399

■ 214.3130,
-21.3533, 35.6825

■ 0.0000, 0.0000,
0.0000

■ 233.8270,
-17.6627, 18.5687

■ 251.6940,

-12.6671, 2.8994

■ 86.7910, -19.6170,
38.7713

■ 86.7910, -19.6170,
38.7713

■ 80.0260, -22.6908,
44.7042

■ 93.5560, -16.5431,
32.8384

■ 73.2610, -25.7647,
50.6371

■ 100.3210,
-13.4693, 26.9055

■ 65.9090, -28.5491,
57.0848

■ 107.6730,
-10.6848, 20.4578

■ 62.0620, -30.5966,
60.4586

■ 114.4380, -7.6109,
14.5249

■ 121.3170, -4.1003,
8.4920

■ 128.0820, -1.0264,
2.5591

■ 134.8470, 2.0474,
-3.3738

■ 142.1990, 4.8319,
-9.8215

■ 148.9640, 7.9057,
-15.7544

Harmonies

Analogous

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



87.2230, -7.9979, 45.4084



86.7910, -19.6170, 38.7713



85.2700, -26.2621, 23.4422

Triad

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



86.7910, -19.6170, 38.7713



67.9510, 3.9682, -59.5930



86.4970, 26.3770, -13.5909

Complementary

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



86.7910, -19.6170, 38.7713



91.2090, 19.6170, -38.7713

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.



71.3660, 34.8226, -62.5880



86.7910, -19.6170, 38.7713



71.1430, 16.1985, -62.3924

Square

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



86.7910, -19.6170, 38.7713



79.3720, -14.4804, -22.2512



72.8190, 27.6972, -63.8623



90.1760, 16.6752, 18.2626

Rectangle

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



86.7910, -19.6170, 38.7713



84.3670, -26.8029, 10.2021



72.8190, 27.6972, -63.8623



83.3920, 28.8937, -27.5308

Sweetspot

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



86.7910, -19.6170, 38.7713



153.7370, -7.7583, 15.1397



78.9560, 13.8257, 45.6426



76.5020, -4.6845, 9.2067



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



86.7910, -19.6170, 38.7713



101.3610, -30.7440, 61.0734



110.8580, -31.4820, 17.6645



62.9680, -1.4632, 2.6591



61.7630, -30.4492, 59.8438



1.4840, -0.7316, 1.3295

Inverse Universe

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



91.2090, 19.6170, -38.7713



108.6390, 30.7440, -61.0734



67.1420, 31.4820, -17.6645



63.0320, 1.4632, -2.6591



68.2370, 30.4492, -59.8438



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 86.7910, -19.6170, 38.7713 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



This preview shows how the YUV color 86.7910, -19.6170, 38.7713 looks on a 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 86.7910, -19.6170, 38.7713

Background



This preview shows how black text looks on a background with the YUV color 86.7910, -19.6170, 38.7713.



This preview shows how white text looks on a background with the YUV color 86.7910, -19.6170,

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

86.7910, -19.6170, 38.7713

Protanopia

86.4020, -16.4672, 8.4174

Deuteranopia

86.6160, -21.0097, 18.7538



Tritanopia

88.7060, -7.2501, 38.8458

Trichromacy



Original Color

86.7910, -19.6170, 38.7713

Protanomaly

86.5390, -17.5207, 19.6983

Deuteranomaly

86.7740, -20.5946, 25.6312

Tritanomaly

87.8540, -11.7600, 38.7160

Monochromacy



Original Color

86.7910, -19.6170, 38.7713

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1390, -7.4635, 13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7910, -19.6170, 38.7713 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(131, 72, 47)` looks like.

```
.text, #text, p{  
    color:rgb(131, 72, 47)  
}
```

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(131, 72, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 72, 47) }
```

Border

The CSS property to change the border of an element to YUV 86.7910, -19.6170, 38.7713 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(131, 72, 47) }
```


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

```
.border{ border-color:rgb(131, 72, 47) }
```

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

Here you see how a box with a 4 pixel rgb(131, 72, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 72, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 72, 47);  
box-shadow:4px 4px 4px 4px rgb(131, 72,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 86.7910, -19.6170, 38.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 72, 47) }
```

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

```
.background{ background-color: rgb(131, 72,  
47) }
```

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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