

Converting Colors

YUV(82.1890, -9.9532, 19.1282)

Have a look what the booklet for
YUV(82.1890, -9.9532, 19.1282)
contains.

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Color

**YUV(82.1890, -9.9532,
19.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	684B3E
RGB	104, 75, 62
RGB Percent	41%, 29%, 24%
CMY	0.5922, 0.7059, 0.7569
CMYK	0.00, 0.28, 0.40, 0.59
HSL	19°, 25%, 33%
HSV	19°, 40%, 41%
XYZ	9.0945, 8.3230, 5.6846
YIQ	82.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

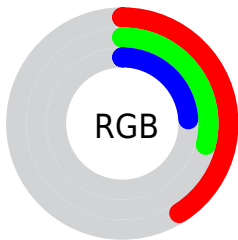
Format	Color
R _Y B	104, 81, 62
Decimal	6835006
CIE Lab	34.65, 10.39, 12.57
CIE LCh	35, 16.308, 50.438
Yxy	8.3230, 0.3937, 0.3603
Android (android.graphics.Color)	4285025086 (0xFF684B3E)
YUV	82.1890, -9.9532, 19.1282
Hunter-Lab	28.8496, 5.7831, 8.5121

Details

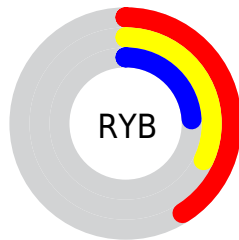
The YUV color $82.1890, -9.9532, 19.1282$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $83.8110, 9.9532, -19.1282$, and the grayscale version is $82.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $131.9720, -10.8322, 21.0726$, and $36.9220, -8.3425, 15.8544$ is the 20% darker color. If you saturate the color by 10%, you get $76.9400, -12.2954, 23.7316$, and if you desaturate by 10%, it is $87.4380, -7.6109, 14.5249$.

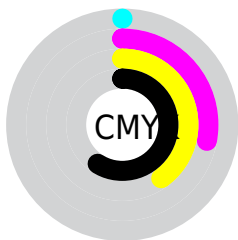
Distribution



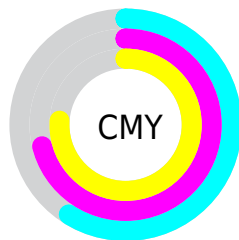
- Red (41%)
- Green (29%)
- Blue (24%)



- Red (41%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1890, -9.9532, 19.1282 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 82.1890, -9.9532, 19.1282 by changing the saturation by 10% instead.

82.1890, -9.9532,
19.1282

82.1890, -9.9532,
19.1282

255.0000, 0.0000,
0.0000

58.7050, -9.2216,
17.7987

131.9720,
-10.8322, 21.0726

36.9220, -8.3425,
15.8544

158.4560,
-11.5638, 22.4021

14.8620, -7.3270,
16.7840

185.0540,
-11.8586, 23.6316

0.0000, 0.0000,
0.0000

212.9400,
-12.2954, 23.7316

237.0530,
-10.3791, 15.7395

253.7460, -4.8048,

1.0998

■ 82.1890, -9.9532,
19.1282

■ 82.1890, -9.9532,
19.1282

■ 76.9400, -12.2954,
23.7316

■ 87.4380, -7.6109,
14.5249

■ 71.5770, -15.0745,
28.4350

■ 92.8010, -4.8319,
9.8215

■ 65.7410, -17.1273,
33.5531

■ 98.6370, -2.7790,
4.7034

■ 60.3780, -19.9064,
38.2565

■ 104.0000, 0.0000,
0.0000

■ 55.1290, -22.2486,
42.8599

■ 109.2490, 2.3422,
-4.6034

■ 49.8800, -24.5908,
47.4632

■ 114.4980, 4.6845,
-9.2067

■ 119.8610, 7.4635,
-13.9101

■ 125.1100, 9.8058,
-18.5135

■ 131.0600, 12.2954,
-23.7316

Harmonies

Analogous

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



82.8780, -4.8699, 22.0320



82.1890, -9.9532, 19.1282



81.1620, -12.4049, 12.1359

Triad

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



82.1890, -9.9532, 19.1282



75.9820, 0.5019, -21.0322



82.3660, 11.6516, -3.8290

Complementary

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



82.1890, -9.9532, 19.1282



83.8110, 9.9532, -19.1282

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.



79.1470, 13.7315, -17.6689



82.1890, -9.9532, 19.1282



75.0610, 7.3649, -28.9945

Square

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



82.1890, -9.9532, 19.1282



78.5120, -6.6614, -10.0960



76.0380, 12.3063, -27.2203



83.3030, 7.2456, 9.3813

Rectangle

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



82.1890, -9.9532, 19.1282



80.2320, -11.9464, 5.0585



76.0380, 12.3063, -27.2203



81.2730, 12.6834, -8.1324

Sweetspot

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



82.1890, -9.9532, 19.1282



126.7190, -3.8055, 7.2624



77.8640, 6.4760, 22.9213



63.7510, -2.3422, 4.6034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



82.1890, -9.9532, 19.1282



101.1750, -15.3693, 29.6645



94.5160, -16.0304, 8.3175



48.0820, -1.0264, 2.5591



55.5170, -27.3699, 52.1666



116.3830, -57.3768, 110.1661

Inverse Universe

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



83.8110, 9.9532, -19.1282



103.8250, 15.3693, -29.6645



71.4840, 16.0304, -8.3175



48.3310, 1.3158, -2.0443



59.4830, 27.3699, -52.1666



125.6170, 57.3768, -110.1661

Previews

White Background



This preview shows how the YUV color 82.1890, -9.9532, 19.1282 looks on a white background.

Color Contrast Check

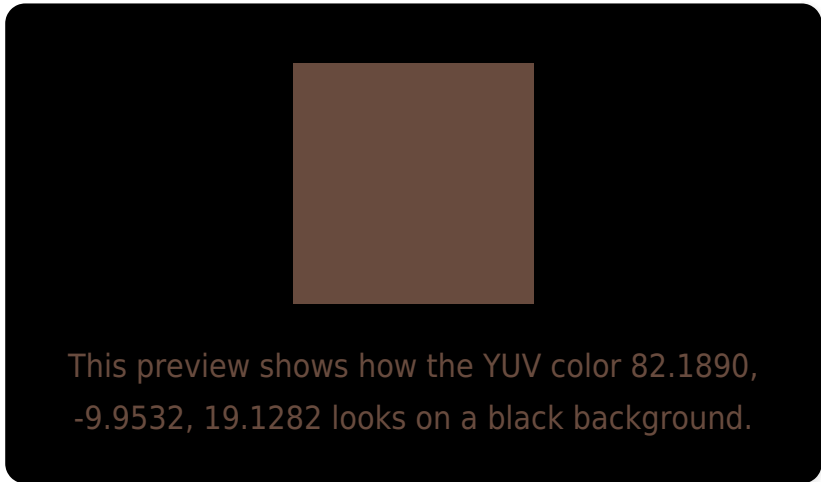
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.1890, -9.9532, 19.1282

Background



This preview shows how black text looks on a background with the YUV color 82.1890, -9.9532, 19.1282.

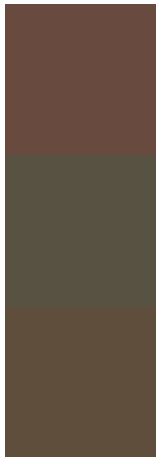


This preview shows how white text looks on a background with the YUV color 82.1890, -9.9532,

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

82.1890, -9.9532, 19.1282

Protanopia

81.5570, -8.1626, 4.7735

Deuteranopia

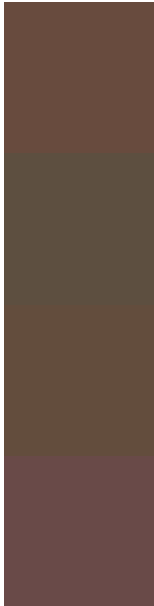
81.4440, -10.0789, 12.7656



Tritanopia

83.4370, -2.6804, 19.7878

Trichromacy



Original Color

82.1890, -9.9532, 19.1282

Protanomaly

81.4760, -8.6157, 10.1065

Deuteranomaly

81.7540, -10.2317, 15.1247

Tritanomaly

83.0410, -5.4432, 19.2580

Monochromacy



Original Color

82.1890, -9.9532, 19.1282

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1890, -9.9532, 19.1282 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(104, 75, 62)` looks like.

```
.text, #text, p{  
    color:rgb(104, 75, 62)  
}
```

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(104, 75, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 75, 62) }
```

Border

The CSS property to change the border of an element to YUV 82.1890, -9.9532, 19.1282 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(104, 75, 62) }
```


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

```
.border{ border-color:rgb(104, 75, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 75, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 75, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 75, 62);  
box-shadow:4px 4px 4px 4px rgb(104, 75,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 82.1890, -9.9532, 19.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 75, 62) }
```

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

```
.background{ background-color: rgb(104, 75,  
62) }
```

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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