

Converting Colors

YUV(81.2600, -10.9742,
19.9430)

Have a look what the booklet for
YUV(81.2600, -10.9742, 19.9430)
contains.

YUV(81.2600, -10.9742, 19.9430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(81.2600, -10.9742,
19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	684A3B
RGB	104, 74, 59
RGB Percent	41%, 29%, 23%
CMY	0.5922, 0.7098, 0.7686
CMYK	0.00, 0.29, 0.43, 0.59
HSL	20°, 28%, 32%
HSV	20°, 43%, 41%
XYZ	8.9471, 8.1564, 5.2404
YIQ	81.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

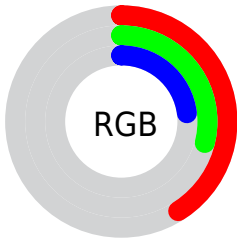
Format	Color
RYB	104, 82, 59
Decimal	6834747
CIELab	34.31, 10.61, 13.99
CIElCh	34, 17.555, 52.811
Yxy	8.1564, 0.4004, 0.3650
Android (android.graphics.Color)	4285024827 (0xFF684A3B)
YUV	81.2600, -10.9742, 19.9430
Hunter-Lab	28.5594, 5.9418, 9.1123

Details

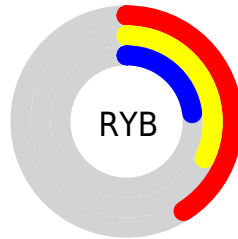
The YUV color **81.2600, -10.9742, 19.9430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.7400, 10.9742, -19.9430**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9290, -12.2900, 21.9873**, and **35.9930, -9.3635, 16.6691** is the 20% darker color. If you saturate the color by 10%, you get **76.0110, -13.3164, 24.5464**, and if you desaturate by 10%, it is **86.5090, -8.6319, 15.3396**.

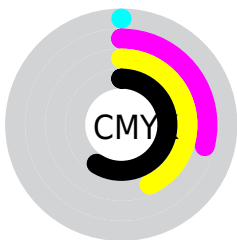
Distribution



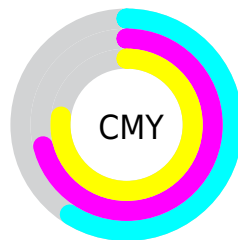
- Red (41%)
- Green (29%)
- Blue (23%)



- Red (41%)
- Yellow (32%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2600, -10.9742, 19.9430 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 81.2600, -10.9742, 19.9430 by changing the saturation by 10% instead.

■ 81.2600, -10.9742,
19.9430

■ 81.2600, -10.9742,
19.9430

■ 255.0000, 0.0000,
0.0000

■ 57.7760, -10.2426,
18.6134

■ 130.9290,
-12.2900, 21.9873

■ 35.9930, -9.3635,
16.6691

■ 157.5270,
-12.5848, 23.2168

■ 14.2750, -7.0376,
17.2988

■ 184.1250,
-12.8796, 24.4464

■ 0.0000, 0.0000,
0.0000

■ 212.0110,
-13.3164, 24.5464

■ 236.0100,
-11.8369, 16.6542

■ 253.4040, -6.1152,

1.3997

■ 81.2600, -10.9742,
19.9430

■ 81.2600, -10.9742,
19.9430

■ 76.0110, -13.3164,
24.5464

■ 86.5090, -8.6319,
15.3396

■ 70.6480, -16.0955,
29.2497

■ 91.8720, -5.8529,
10.6363

■ 65.3990, -18.4377,
33.8531

■ 97.1210, -3.5107,
6.0329

■ 60.0360, -21.2167,
38.5564

■ 102.4840, -0.7316,
1.3295

■ 54.7870, -23.5590,
43.1598

■ 107.7330, 1.6106,
-3.2738

■ 51.6410, -25.4590,
45.9188

■ 112.9820, 3.9529,
-7.8772

■ 118.3450, 6.7319,
-12.5806

■ 123.0070, 9.3635,
-16.6691

■ 128.3700, 12.1426,
-21.3725

Harmonies

Analogous

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



82.3620, -5.6015, 23.3615



81.2600, -10.9742, 19.9430



80.5210, -13.5679, 11.8211

Triad

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



81.2600, -10.9742, 19.9430



74.7860, 1.0915, -23.4913



81.1920, 12.2303, -2.7994

Complementary

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



81.2600, -10.9742, 19.9430



81.7400, 10.9742, -19.9430

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.



78.3750, 14.6051, -17.8689



81.2600, -10.9742, 19.9430



73.0930, 8.8282, -31.6536

Square

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



81.2600, -10.9742, 19.9430



76.5010, -6.6560, -11.8404



74.0700, 13.7695, -29.8794



83.0150, 7.3876, 10.5108

Rectangle

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



81.2600, -10.9742, 19.9430



79.2920, -12.9620, 4.1289



74.0700, 13.7695, -29.8794



80.5010, 13.5570, -8.3324

Sweetspot

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



81.2600, -10.9742, 19.9430



126.0180, -3.9529, 7.8772



75.8750, 6.4706, 24.6656



63.6370, -2.7790, 4.7034



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.



81.2600, -10.9742, 19.9430



99.4310, -16.9745, 31.1940



94.7610, -17.6302, 8.1026



48.6690, -1.3158, 2.0443



56.6910, -27.9487, 51.1370



119.9050, -59.1132, 107.0773

Inverse Universe

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



81.7400, 10.9742, -19.9430



100.5690, 16.9745, -31.1940



68.8260, 17.3408, -8.6174



48.3310, 1.3158, -2.0443



57.7220, 28.2381, -50.6222



122.0950, 59.1132, -107.0773

Previews

White Background



This preview shows how the YUV color 81.2600, -10.9742, 19.9430 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 81.2600, -10.9742, 19.9430 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 81.2600, -10.9742, 19.9430

Background



This preview shows how black text looks on a background with the YUV color 81.2600, -10.9742, 19.9430.



This preview shows how white text looks on a background with the YUV color 81.2600, -10.9742,

19.9430.

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

81.2600, -10.9742, 19.9430

Protanopia

80.3290, -9.0362, 4.9735

Deuteranopia

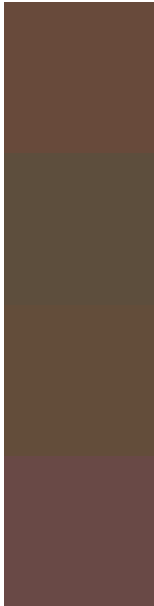
81.1020, -11.3893, 13.0655



Tritanopia

82.7360, -2.8278, 20.4025

Trichromacy



Original Color

81.2600, -10.9742, 19.9430

Protanomaly

80.5470, -9.6367, 10.9213

Deuteranomaly

81.4120, -11.5421, 15.4247

Tritanomaly

82.2260, -6.0274, 19.9728

Monochromacy



Original Color

81.2600, -10.9742, 19.9430

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7190, -3.8055, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2600, -10.9742, 19.9430 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, 74, 59)` looks like.

```
.text, #text, p{  
    color:rgb(104, 74, 59)  
}
```

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, 74, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 74, 59) }
```

Border

The CSS property to change the border of an element to YUV 81.2600, -10.9742, 19.9430 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, 74, 59) }
```


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

```
.border{ border-color:rgb(104, 74, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 74, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 74, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 74, 59);  
box-shadow:4px 4px 4px 4px rgb(104, 74,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 81.2600, -10.9742, 19.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 74, 59) }
```

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

```
.background{ background-color: rgb(104, 74,  
59) }
```

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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