

# Converting Colors

YUV(81.6960, -28.9371,  
41.4856)

Have a look what the booklet for  
YUV(81.6960, -28.9371, 41.4856)  
contains.

<b>YUV(81.6960, -28.9371, 41.4856)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(81.6960, -28.9371,  
41.4856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814517
RGB	129, 69, 23
RGB Percent	51%, 27%, 9%
CMY	0.4941, 0.7294, 0.9098
CMYK	0.00, 0.47, 0.82, 0.49
HSL	26°, 70%, 30%
HSV	26°, 82%, 51%
XYZ	11.3360, 8.9852, 1.9475
YIQ	81.6960, 50.5260, -1.5860

# Conversions

## Conversions Part 2

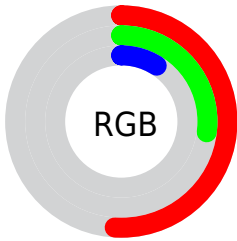
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 104, 23
Decimal	8471831
CIE Lab	35.96, 22.17, 37.28
CIE LCh	36, 43.370, 59.256
Yxy	8.9852, 0.5091, 0.4035
Android (android.graphics.Color)	4286661911 (0xFF814517)
YUV	81.6960, -28.9371, 41.4856
Hunter-Lab	29.9754, 15.0479, 17.1308

# Details

The YUV color **81.6960, -28.9371, 41.4856** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **70.3040, 28.9371, -41.4856**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8600, -30.9900, 46.6038**, and **36.2140, -17.8535, 33.1383** is the 20% darker color. If you saturate the color by 10%, you get **76.1050, -32.5898, 46.3889**, and if you desaturate by 10%, it is **87.2870, -25.2845, 36.5823**.

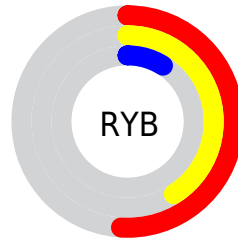
# Distribution



Red (51%)

Green (27%)

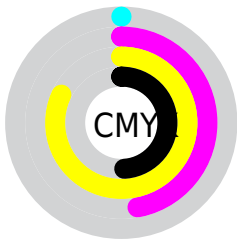
Blue (9%)



Red (51%)

Yellow (41%)

Blue (9%)

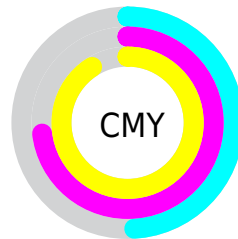


Cyan (0%)

Magenta (47%)

Yellow (82%)

Black (49%)



Cyan (49%)

Magenta (73%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.6960, -28.9371, 41.4856 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 81.6960, -28.9371, 41.4856 by changing the saturation by 10% instead.



81.6960, -28.9371,  
41.4856

81.6960, -28.9371,  
41.4856

255.0000, 0.0000,  
0.0000

57.2010, -28.2001,  
38.4117

132.8600,  
-30.9900, 46.6038

36.2140, -17.8535,  
33.1383

159.8280,  
-32.4532, 49.2628

15.5260, -7.6543,  
28.4797

186.9100,  
-33.4796, 51.8219

3.5880, -1.7689,  
7.3773


209.1150,  
-31.1157, 40.2411


0.0000, 0.0000,  
0.0000


228.5150,  
-27.8619, 23.2273


248.7300,


-24.0239, 5.4988


 251.9220,  
-11.7935, 2.6994


 81.6960, -28.9371,  
41.4856


 81.6960, -28.9371,  
41.4856


 76.1050, -32.5898,  
46.3889


 87.2870, -25.2845,  
36.5823

 71.4430, -35.2214,  
50.4775

 93.4650, -21.9212,  
31.1642

 99.0560, -18.2686,  
26.2609

 104.6470,  
-14.6160, 21.3576

 110.8250,  
-11.2527, 15.9395

■ 116.3020, -8.0369,  
11.1361

■ 121.8930, -4.3842,  
6.2328

■ 127.4840, -0.7316,  
1.3295

■ 133.6620, 2.6316,  
-4.0886

# Harmonies

## Analogous

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



81.6820, -14.1402, 55.5299



81.6960, -28.9371, 41.4856



79.4470, -38.1814, 19.7790

# Triad

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



81.6960, -28.9371, 41.4856



68.7490, 7.0257, -60.2929



85.7740, 29.6914, -3.3098

# Complementary

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



81.6960, -28.9371, 41.4856



70.3040, 28.9371, -41.4856

# 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



81.6960, -28.9371, 41.4856



72.1520, 22.6031, -63.2773

# Square

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



81.6960, -28.9371, 41.4856



64.3790, -8.5678, -52.0754



73.3550, 34.8280, -64.3323



86.3890, 17.0632, 33.8618



# Rectangle

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



81.6960, -28.9371, 41.4856



77.5480, -34.7802, 2.1504



73.3550, 34.8280, -64.3323



82.4020, 33.8188, -20.5236

# Sweetspot

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



81.6960, -28.9371, 41.4856



149.1240, -11.4001, 16.5543



61.5340, 10.5827, 59.1677



72.9320, -6.8685, 9.7066



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



81.6960, -28.9371, 41.4856



93.8980, -45.3057, 64.9875



112.8070, -44.2749, 14.2013



60.8540, -1.9000, 2.7590



70.5570, -34.7846, 50.3775



0.0000, 0.0000, 0.0000



# Inverse Universe

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



70.3040, 28.9371, -41.4856



76.1020, 45.3057, -64.9875



39.1930, 44.2749, -14.2013



60.1460, 1.9000, -2.7590



56.8560, 35.0740, -49.8627



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 81.6960, -28.9371, 41.4856 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 81.6960, -28.9371, 41.4856 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

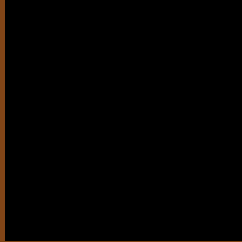
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.6960, -28.9371, 41.4856

## Background



This preview shows how black text looks on a background with the YUV color 81.6960, -28.9371, 41.4856.



This preview shows how white text looks on a background with the YUV color 81.6960, -28.9371,

41.4856.

# 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

81.6960, -28.9371, 41.4856

### Protanopia

81.3780, -26.8084, 11.9465

### Deuteranopia

81.5920, -31.3509, 22.2828



## Tritanopia

85.1900, -7.9817, 40.1754

# Trichromacy



## Original Color

81.6960, -28.9371, 41.4856

## Protanomaly

81.3300, -27.2777, 22.5126

## Deuteranomaly

81.8640, -30.4990, 29.0603

## Tritanomaly

83.5400, -15.5492, 40.7454

# Monochromacy



## Original Color

81.6960, -28.9371, 41.4856

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.7540, -10.2317, 15.1247

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.6960, -28.9371, 41.4856 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(129, 69, 23)` looks like.

```
.text, #text, p{  
    color:rgb(129, 69, 23)  
}
```

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(129, 69, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 69, 23) }
```

## Border

The CSS property to change the border of an element to YUV 81.6960, -28.9371, 41.4856 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(129, 69, 23) }
```



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

```
.border{ border-color:rgb(129, 69, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 69, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 69, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 69, 23);  
box-shadow:4px 4px 4px 4px rgb(129, 69,  
23) }
```

# Background

The CSS property to change the background color of an element to YUV 81.6960, -28.9371, 41.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 69, 23) }
```

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

```
.background{ background-color: rgb(129, 69,  
23) }
```

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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