

# Converting Colors

YUV(81.7010, -23.0236,  
58.1442)

Have a look what the booklet for  
YUV(81.7010, -23.0236, 58.1442)  
contains.

|  |    |
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# Color

**YUV(81.7010, -23.0236,  
58.1442)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 943923                    |
| RGB           | 148, 57, 35               |
| RGB Percent   | 58%, 22%, 14%             |
| CMY           | 0.4196, 0.7765, 0.8627    |
| CMYK          | 0.00, 0.61, 0.76, 0.42    |
| HSL           | 12°, 62%, 36%             |
| HSV           | 12°, 76%, 58%             |
| XYZ           | 13.9792, 9.3435, 2.6568   |
| YIQ           | 81.7010, 61.2980, 12.4500 |

# Conversions

## Conversions Part 2

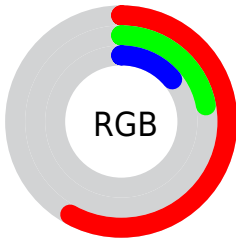
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 148, 62, 35                   |
| Decimal                             | 9713955                       |
| CIE <sub>Lab</sub>                  | 36.64, 37.04, 32.75           |
| CIE <sub>LCh</sub>                  | 37, 49.441, 41.476            |
| Yxy                                 | 9.3435, 0.5381,<br>0.3596     |
| Android<br>(android.graphics.Color) | 4287904035<br>(0xFF943923)    |
| YUV                                 | 81.7010, -23.0236,<br>58.1442 |
| Hunter-Lab                          | 30.5671, 28.1407,<br>16.2437  |

# Details

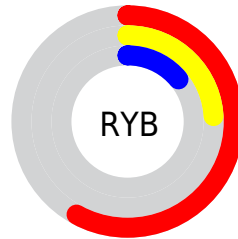
The YUV color **81.7010, -23.0236, 58.1442** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.2990, 23.0236, -58.1442**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5230, -26.3868, 63.5623**, and **27.7960, -13.7034, 55.4299** is the 20% darker color. If you saturate the color by 10%, you get **72.9470, -26.1029, 65.8215**, and if you desaturate by 10%, it is **90.4550, -19.9443, 50.4670**.

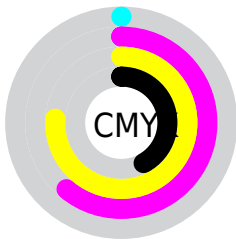
# Distribution



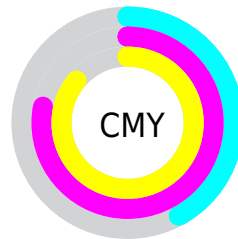
- Red (58%)
- Green (22%)
- Blue (14%)



- Red (58%)
- Yellow (24%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (76%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.7010, -23.0236, 58.1442 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 81.7010, -23.0236, 58.1442 by changing the saturation by 10% instead.



■ 81.7010, -23.0236,  
58.1442

■ 81.7010, -23.0236,  
58.1442

255.0000, 0.0000,  
0.0000

■ 55.8470, -21.1236,  
55.3852

■ 134.5230,  
-26.3868, 63.5623

■ 27.7960, -13.7034,  
55.4299

■ 161.7900,  
-27.9975, 66.8362

■ 18.5380, -9.1392,  
38.1162

■ 185.6860,  
-26.9602, 60.7884

■ 10.8780, -4.8699,  
22.0320

■ 204.4990,  
-23.4170, 44.2894

■ 0.0000, 0.0000,  
0.0000

■ 224.0130,  
-19.7264, 27.1756

■ 244.2280,

-15.8884, 9.4470

253.2900, -6.5520,  
1.4997

81.7010, -23.0236,  
58.1442

81.7010, -23.0236,  
58.1442

72.9470, -26.1029,  
65.8215

90.4550, -19.9443,  
50.4670

64.1930, -29.1821,  
73.4987

99.2090, -16.8650,  
42.7897

61.2750, -30.2086,  
76.0578

107.8490,  
-14.2226, 35.2124

116.6030,  
-11.1433, 27.5352

125.3570, -8.0640,  
19.8579

■ 134.1110, -4.9847,  
12.1807

■ 142.2780, -1.6161,  
5.0182

■ 150.9180, 1.0264,  
-2.5591

■ 159.6720, 4.1057,  
-10.2363

# Harmonies

## Analogous

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



80.2070, -3.5531, 66.4705



81.7010, -23.0236, 58.1442



81.1010, -39.9828, 37.6224

# Triad

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



81.7010, -23.0236, 58.1442



67.1870, -4.0362, -58.9230



69.5910, 47.0366, -60.1543

# Complementary

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



81.7010, -23.0236, 58.1442



101.2990, 23.0236, -58.1442

# 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.



75.4070, 42.6903, -66.1319



81.7010, -23.0236, 58.1442



72.5620, 14.0199, -63.6369

# Square

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



81.7010, -23.0236, 58.1442



73.1470, -26.6945, -24.6849



76.1930, 30.4709, -66.8213



88.5530, 28.3214, 16.1780



# Rectangle

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



81.7010, -23.0236, 58.1442



80.6920, -39.7812, 19.5641



76.1930, 30.4709, -66.8213



71.7540, 46.4633, -62.9283

# Sweetspot

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



81.7010, -23.0236, 58.1442



165.4390, -9.0904, 22.4170



79.2750, 23.5284, 60.2718



81.0080, -5.4269, 14.0250



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.



81.7010, -23.0236, 58.1442



88.1690, -36.0723, 90.1828



113.9860, -38.9401, 29.8303



69.6800, -1.3212, 3.7886



57.1110, -28.1557, 70.9397



4.1640, -2.0529, 5.1182



# Inverse Universe

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



101.2990, 23.0236, -58.1442



118.4180, 35.7829, -90.6976



69.0140, 38.9401, -29.8303



71.3200, 1.3212, -3.7886



80.8890, 28.1557, -70.9397



5.8360, 2.0529, -5.1182



# Previews

## White Background



This preview shows how the YUV color 81.7010, -23.0236, 58.1442 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 81.7010, -23.0236, 58.1442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

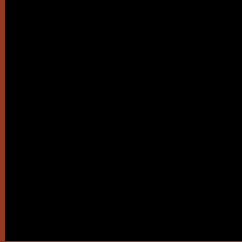
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.7010, -23.0236, 58.1442

## Background



This preview shows how black text looks on a background with the YUV color 81.7010, -23.0236, 58.1442.



This preview shows how white text looks on a background with the YUV color 81.7010, -23.0236,



# 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

81.7010, -23.0236, 58.1442

### Protanopia

84.7890, -20.1090, 9.8320

### Deuteranopia

84.6180, -27.4197, 21.3830



## Tritanopia

82.8610, -12.2565, 58.0039

# Trichromacy



## Original Color

81.7010, -23.0236, 58.1442

## Protanomaly

83.6710, -21.0368, 27.4755

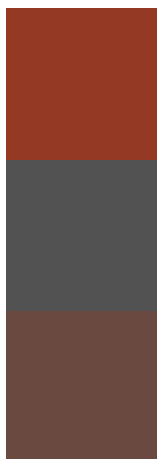
## Deuteranomaly

83.7490, -26.0053, 34.4231

## Tritanomaly

82.5360, -16.0402, 58.2889

# Monochromacy



## Original Color

81.7010, -23.0236, 58.1442

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.9550, -8.3588, 21.0875

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.7010, -23.0236, 58.1442 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(148, 57, 35)` looks like.

```
.text, #text, p{  
    color:rgb(148, 57, 35)  
}
```

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(148, 57, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 57, 35) }
```

## Border

The CSS property to change the border of an element to YUV 81.7010, -23.0236, 58.1442 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(148, 57, 35) }
```



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

```
.border{ border-color:rgb(148, 57, 35) }
```

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

Here you see how a box with a 4 pixel rgb(148, 57, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 57, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 57, 35);  
box-shadow:4px 4px 4px 4px rgb(148, 57,  
35) }
```

# Background

The CSS property to change the background color of an element to YUV 81.7010, -23.0236, 58.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 57, 35) }
```

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

```
.background{ background-color: rgb(148, 57,  
35) }
```

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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