

Converting Colors

YUV(81.8030, -21.1019,
48.4078)

Have a look what the booklet for
YUV(81.8030, -21.1019, 48.4078)
contains.

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Color

**YUV(81.8030, -21.1019,
48.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	893E27
RGB	137, 62, 39
RGB Percent	54%, 24%, 15%
CMY	0.4627, 0.7569, 0.8471
CMYK	0.00, 0.55, 0.72, 0.46
HSL	14°, 56%, 35%
HSV	14°, 72%, 54%
XYZ	12.4054, 8.9101, 2.9854
YIQ	81.8030, 52.0830, 8.7470

Conversions

Conversions Part 2

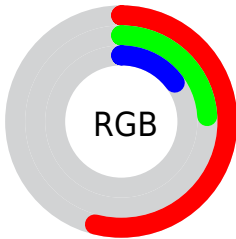
Format	Color
R_{YB}	137, 69, 39
Decimal	8994343
CIE Lab	35.81, 30.30, 29.02
CIE LCh	36, 41.958, 43.760
Yxy	8.9101, 0.5105, 0.3667
Android (android.graphics.Color)	4287184423 (0xFF893E27)
YUV	81.8030, -21.1019, 48.4078
Hunter-Lab	29.8498, 21.9462, 14.9649

Details

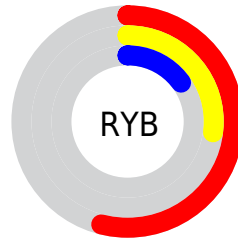
The YUV color **81.8030, -21.1019, 48.4078** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **94.1970, 21.1019, -48.4078**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7390, -24.0283, 53.7259**, and **32.1490, -15.8495, 43.7193** is the 20% darker color. If you saturate the color by 10%, you get **74.3370, -24.3231, 54.9555**, and if you desaturate by 10%, it is **89.2690, -17.8806, 41.8601**.

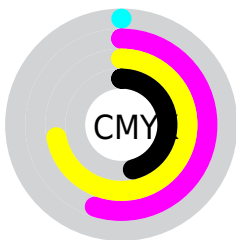
Distribution



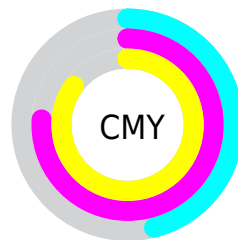
- Red (54%)
- Green (24%)
- Blue (15%)



- Red (54%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (55%)
- Yellow (72%)
- Black (46%)



- Cyan (46%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8030, -21.1019, 48.4078 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 81.8030, -21.1019, 48.4078 by changing the saturation by 10% instead.

81.8030, -21.1019,
48.4078

81.8030, -21.1019,
48.4078

255.0000, 0.0000,
0.0000

56.9490, -19.2019,
45.6487

133.7390,
-24.0283, 53.7259

32.1490, -15.8495,
43.7193

160.5220,
-24.9073, 55.6702

16.1460, -7.9600,
33.1980

187.9030,
-26.0812, 58.8441

7.5890, -3.2484,
15.2694

207.3030,
-22.8274, 41.8303

0.0000, 0.0000,
0.0000

226.9310,
-18.7000, 24.6165

247.0320,

-15.2988, 6.9879

253.8600, -4.3680,
0.9998

81.8030, -21.1019,
48.4078

81.8030, -21.1019,
48.4078

74.3370, -24.3231,
54.9555

89.2690, -17.8806,
41.8601

66.3980, -26.8182,
61.9180

97.2080, -15.3855,
34.8976

59.7470, -29.4553,
67.7509

104.6740,
-12.1643, 28.3499

112.7270, -9.2324,
21.2874

120.1930, -6.0111,
14.7397

■ 128.1320, -3.5161,
7.7772

■ 135.5980, -0.2948,
1.2296

■ 143.6510, 2.6371,
-5.8329

■ 151.0030, 5.4215,
-12.2806

Harmonies

Analogous

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



81.8590, -5.8465, 55.3747



81.8030, -21.1019, 48.4078



80.8920, -32.9778, 30.7897

Triad

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



81.8030, -21.1019, 48.4078



65.4090, -0.6946, -57.3637



79.2760, 34.8669, -30.0601

Complementary

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



81.8030, -21.1019, 48.4078



94.1970, 21.1019, -48.4078

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.



71.5770, 38.1695, -62.7730



81.8030, -21.1019, 48.4078



69.9860, 14.3039, -61.3777

Square

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



81.8030, -21.1019, 48.4078



73.7650, -20.5901, -22.5959



72.9330, 28.1340, -63.9622



86.7720, 22.7904, 16.8630

Rectangle

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



81.8030, -21.1019, 48.4078



78.9950, -35.9865, 15.7904



72.9330, 28.1340, -63.9622



68.2830, 40.7795, -59.8842

Sweetspot

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



81.8030, -21.1019, 48.4078



157.6450, -8.2060, 18.7283



76.8520, 18.3140, 52.7498



76.5130, -4.6899, 10.9511



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



81.8030, -21.1019, 48.4078



92.1780, -33.1188, 76.1429



110.5660, -35.2820, 23.1826



65.2670, -1.6106, 3.2738



57.9640, -28.5763, 65.8066



2.0820, -1.0264, 2.5591

Inverse Universe

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



94.1970, 21.1019, -48.4078



111.2350, 33.4081, -75.6281



65.4340, 35.2820, -23.1826



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 81.8030, -21.1019, 48.4078 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 81.8030, -21.1019, 48.4078 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 81.8030, -21.1019, 48.4078

Background



This preview shows how black text looks on a background with the YUV color 81.8030, -21.1019, 48.4078.



This preview shows how white text looks on a background with the YUV color 81.8030, -21.1019,

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

81.8030, -21.1019, 48.4078

Protanopia

83.2450, -18.3618, 9.4321

Deuteranopia

83.2310, -23.7779, 19.9684



Tritanopia

83.0770, -9.8980, 48.1675

Trichromacy



Original Color

81.8030, -21.1019, 48.4078

Protanomaly

82.9910, -19.7156, 23.6869

Deuteranomaly

82.5250, -22.9368, 30.2346

Tritanomaly

82.6380, -14.1185, 48.5525

Monochromacy



Original Color

81.8030, -21.1019, 48.4078

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0470, -7.9112, 17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8030, -21.1019, 48.4078 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(137, 62, 39)` looks like.

```
.text, #text, p{  
    color:rgb(137, 62, 39)  
}
```

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(137, 62, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 62, 39) }
```

Border

The CSS property to change the border of an element to YUV 81.8030, -21.1019, 48.4078 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(137, 62, 39) }
```


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

```
.border{ border-color:rgb(137, 62, 39) }
```

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

Here you see how a box with a 4 pixel rgb(137, 62, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 62, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 62, 39);  
box-shadow:4px 4px 4px 4px rgb(137, 62,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 81.8030, -21.1019, 48.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 62, 39) }
```

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

```
.background{ background-color: rgb(137, 62,  
39) }
```

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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