

Converting Colors

YUV(79.0400, -13.8237,
47.3229)

Have a look what the booklet for
YUV(79.0400, -13.8237, 47.3229)
contains.

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Color

**YUV(79.0400, -13.8237,
47.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	853933
RGB	133, 57, 51
RGB Percent	52%, 22%, 20%
CMY	0.4784, 0.7765, 0.8000
CMYK	0.00, 0.57, 0.62, 0.48
HSL	4°, 45%, 36%
HSV	4°, 62%, 52%
XYZ	11.7335, 8.1518, 4.0870
YIQ	79.0400, 47.2220, 14.2460

Conversions

Conversions Part 2

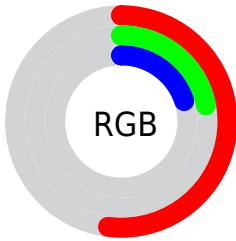
Format	Color
R_{YB}	133, 57, 51
Decimal	8730931
CIE _{Lab}	34.30, 32.16, 19.75
CIE _{LCh}	34, 37.746, 31.557
Yxy	8.1518, 0.4895, 0.3401
Android (android.graphics.Color)	4286921011 (0xFF853933)
YUV	79.0400, -13.8237, 47.3229
Hunter-Lab	28.5514, 23.3918, 11.4989

Details

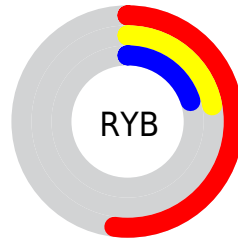
The YUV color **79.0400, -13.8237, 47.3229** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.9600, 13.8237, -47.3229**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6770, -16.6028, 52.0263**, and **27.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **70.5140, -16.0294, 54.8002**, and if you desaturate by 10%, it is **87.5660, -11.6180, 39.8456**.

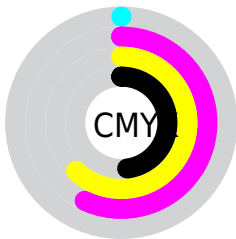
Distribution



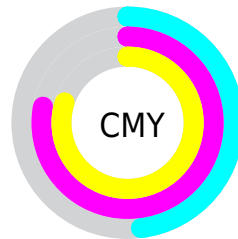
- Red (52%)
- Green (22%)
- Blue (20%)



- Red (52%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (48%)





- Cyan (48%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.0400, -13.8237, 47.3229 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 79.0400, -13.8237, 47.3229 by changing the saturation by 10% instead.


 79.0400, -13.8237,
47.3229


 79.0400, -13.8237,
47.3229


255.0000, 0.0000,
0.0000


 54.1860, -11.9237,
44.5639


 130.6770,
-16.6028, 52.0263

 27.5280, -10.6133,
44.2639

 157.4600,
-17.4818, 53.9706


 15.5480, -7.6652,
31.9684

 184.6560,
-18.0714, 56.4297

 5.3820, -2.6533,
11.0660

 205.9640,
-15.2653, 43.0046

 0.0000, 0.0000,
0.0000

 225.4780,
-11.5747, 25.8908

 245.1060, -7.4473,

8.6770

■ 79.0400, -13.8237,
47.3229

■ 79.0400, -13.8237,
47.3229

■ 70.5140, -16.0294,
54.8002

■ 87.5660, -11.6180,
39.8456

■ 61.2870, -18.3825,
62.8923

■ 96.7930, -9.2649,
31.7535

■ 52.7610, -20.5882,
70.3696

■ 105.3190, -7.0593,
24.2762

■ 45.6370, -22.4990,
76.6174

■ 113.8450, -4.8536,
16.7989

■ 123.0720, -2.5005,
8.7069

■ 131.5980, -0.2948,
1.2296

■ 140.1240, 1.9109,
-6.2477

■ 149.2370, 3.8272,
-14.2398

■ 157.8770, 6.4696,
-21.8171

Harmonies

Analogous

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



80.2970, -0.1464, 47.0975



79.0400, -13.8237, 47.3229



78.5750, -25.4265, 35.4527

Triad

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



79.0400, -13.8237, 47.3229



65.1890, -6.9952, -43.1388



65.3820, 37.2797, -57.3400

Complementary

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



79.0400, -13.8237, 47.3229



104.9600, 13.8237, -47.3229

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.



68.5790, 31.7596, -60.1438



79.0400, -13.8237, 47.3229



64.9990, 7.8885, -57.0041

Square

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



79.0400, -13.8237, 47.3229



73.9410, -24.1279, -7.8413



68.4190, 20.9924, -60.0035



82.1290, 24.5864, 0.7639

Rectangle

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



79.0400, -13.8237, 47.3229



77.5320, -30.3353, 23.2124



68.4190, 20.9924, -60.0035



67.0290, 35.9747, -58.7844

Sweetspot

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



79.0400, -13.8237, 47.3229



152.4430, -5.1484, 18.0285



84.2960, 21.5461, 42.7134



74.2680, -3.0901, 11.1660



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



79.0400, -13.8237, 47.3229



88.5550, -21.4726, 74.0583



102.5200, -25.3994, 26.7310



61.7940, -0.8844, 3.6887



44.7400, -22.0568, 74.7730



0.8970, -0.4422, 1.8443

Inverse Universe

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



104.9600, 13.8237, -47.3229



129.4450, 21.4726, -74.0583



81.4800, 25.3994, -26.7310



64.2060, 0.8844, -3.6887



85.8470, 21.7674, -75.2878



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 79.0400, -13.8237, 47.3229 looks on a white background.

Color Contrast Check

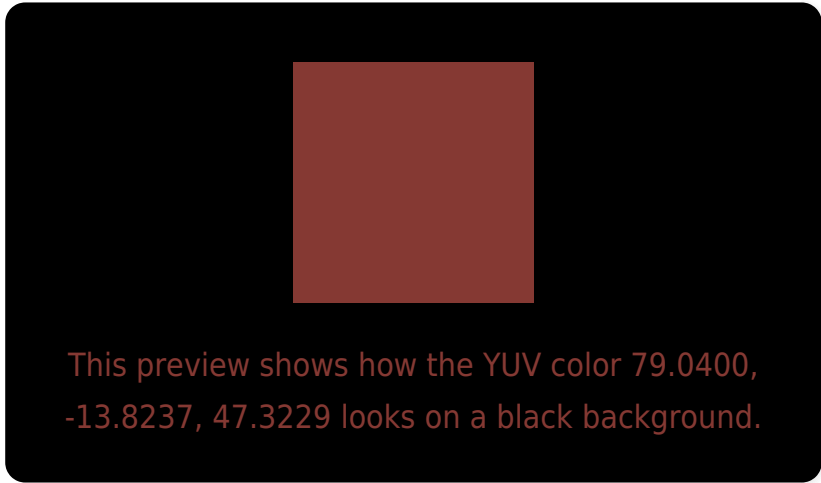
Large Text (above 18pt) WCAG AA ✓ Pass

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

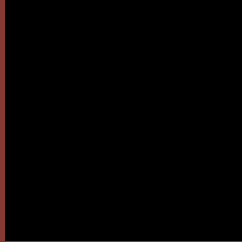
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0400, -13.8237, 47.3229

Background



This preview shows how black text looks on a background with the YUV color 79.0400, -13.8237, 47.3229.

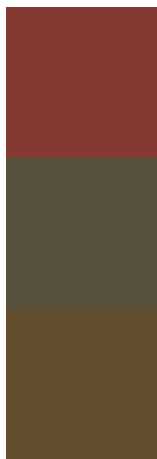


This preview shows how white text looks on a background with the YUV color 79.0400, -13.8237,

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

79.0400, -13.8237, 47.3229

Protanopia

80.5140, -9.6204, 5.6882

Deuteranopia

80.7450, -16.6363, 16.0096



Tritanopia

79.3650, -10.0399, 47.0379

Trichromacy



Original Color

79.0400, -13.8237, 47.3229

Protanomaly

79.8580, -11.2690, 21.1725

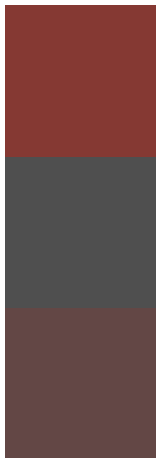
Deuteranomaly

79.7510, -15.6532, 27.4054

Tritanomaly

79.0230, -11.3503, 47.3378

Monochromacy



Original Color

79.0400, -13.8237, 47.3229

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1440, -5.0010, 17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0400, -13.8237, 47.3229 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(133, 57, 51)` looks like.

```
.text, #text, p{  
    color:rgb(133, 57, 51)  
}
```

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(133, 57, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 57, 51) }
```

Border

The CSS property to change the border of an element to YUV 79.0400, -13.8237, 47.3229 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(133, 57, 51) }
```


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

```
.border{ border-color:rgb(133, 57, 51) }
```

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

Here you see how a box with a 4 pixel rgb(133, 57, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 57, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 57, 51);  
box-shadow:4px 4px 4px 4px rgb(133, 57,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 79.0400, -13.8237, 47.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 57, 51) }
```

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

```
.background{ background-color: rgb(133, 57,  
51) }
```

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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