

Converting Colors

YUV(82.3240, -17.9077,
50.5819)

Have a look what the booklet for
YUV(82.3240, -17.9077, 50.5819)
contains.

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Color

**YUV(82.3240, -17.9077,
50.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3C2E
RGB	140, 60, 46
RGB Percent	55%, 24%, 18%
CMY	0.4510, 0.7647, 0.8196
CMYK	0.00, 0.57, 0.67, 0.45
HSL	9°, 51%, 36%
HSV	9°, 67%, 55%
XYZ	12.9242, 9.0044, 3.6416
YIQ	82.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

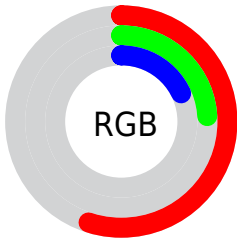
Format	Color
R_{YB}	140, 62, 46
Decimal	9190446
CIE _{Lab}	35.99, 33.01, 25.20
CIE _{LCh}	36, 41.530, 37.366
Yxy	9.0044, 0.5054, 0.3521
Android (android.graphics.Color)	4287380526 (0xFF8C3C2E)
YUV	82.3240, -17.9077, 50.5819
Hunter-Lab	30.0074, 24.3673, 13.8099

Details

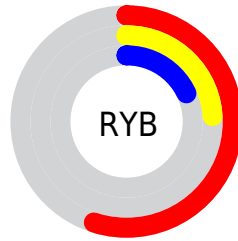
The YUV color **82.3240, -17.9077, 50.5819** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.6760, 17.9077, -50.5819**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2600, -20.8342, 55.9000**, and **30.6980, -15.1341, 47.6229** is the 20% darker color. If you saturate the color by 10%, you get **73.6840, -20.5502, 58.1591**, and if you desaturate by 10%, it is **90.9640, -15.2653, 43.0046**.

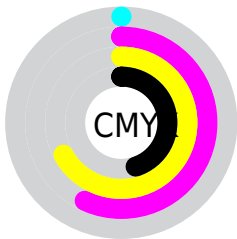
Distribution



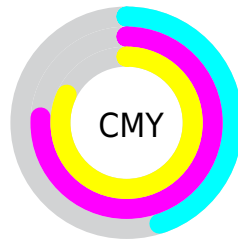
- Red (55%)
- Green (24%)
- Blue (18%)



- Red (55%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (45%)



- Cyan (45%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3240, -17.9077, 50.5819 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 82.3240, -17.9077, 50.5819 by changing the saturation by 10% instead.

82.3240, -17.9077,
50.5819

82.3240, -17.9077,
50.5819

255.0000, 0.0000,
0.0000

57.4700, -16.0077,
47.8228

134.2600,
-20.8342, 55.9000

30.6980, -15.1341,
47.6229

161.3420,
-21.8606, 58.4591

17.0430, -8.4022,
35.0423

188.2280,
-22.2974, 58.5590

8.7850, -3.8380,
17.7286

207.0410,
-18.7542, 42.0600

0.0000, 0.0000,
0.0000

226.6690,
-14.6268, 24.8463

246.8840,

-10.7888, 7.1177

254.7720, -0.8736,
0.2000

■ 82.3240, -17.9077,
50.5819

■ 82.3240, -17.9077,
50.5819

■ 73.6840, -20.5502,
58.1591

■ 90.9640, -15.2653,
43.0046

■ 65.0440, -23.1927,
65.7364

■ 99.6040, -12.6228,
35.4273

■ 56.4040, -25.8352,
73.3137

■ 108.2440, -9.9803,
27.8500

■ 54.1870, -26.7142,
75.2580

■ 116.8840, -7.3378,
20.2727

■ 125.5240, -4.6953,
12.6955

■ 133.5770, -1.7635,
5.6330

■ 142.2170, 0.8790,
-1.9443

■ 150.8570, 3.5215,
-9.5216

■ 159.4970, 6.1640,
-17.0989

Harmonies

Analogous

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



82.4720, -2.2047, 53.9601



82.3240, -17.9077, 50.5819



82.1960, -30.6626, 34.9081

Triad

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



82.3240, -17.9077, 50.5819



64.7250, -3.3154, -56.7638



73.6760, 38.1207, -47.0739

Complementary

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



82.3240, -17.9077, 50.5819



103.6760, 17.9077, -50.5819

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.



72.4090, 36.2804, -63.5027



82.3240, -17.9077, 50.5819



69.1880, 11.2463, -60.6779

Square

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



82.3240, -17.9077, 50.5819



75.8970, -24.1062, -14.8187



72.2490, 25.5132, -63.3624



86.7000, 25.2909, 8.1561

Rectangle

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



82.3240, -17.9077, 50.5819



80.2560, -35.1292, 20.8235



72.2490, 25.5132, -63.3624



69.4570, 40.2007, -60.9138

Sweetspot

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



82.3240, -17.9077, 50.5819



158.6990, -6.7536, 19.5580



83.3400, 21.5244, 49.6908



78.3390, -4.1111, 11.9807



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



82.3240, -17.9077, 50.5819



90.8670, -28.0354, 79.0466



109.3260, -31.2197, 26.9011



64.6800, -1.3212, 3.7886



51.5070, -25.3930, 71.4694



2.0820, -1.0264, 2.5591

Inverse Universe

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



103.6760, 17.9077, -50.5819



124.1330, 28.0354, -79.0466



76.6740, 31.2197, -26.9011



66.3200, 1.3212, -3.7886



81.4930, 25.3930, -71.4694



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 82.3240, -17.9077, 50.5819 looks on a white background.

Color Contrast Check

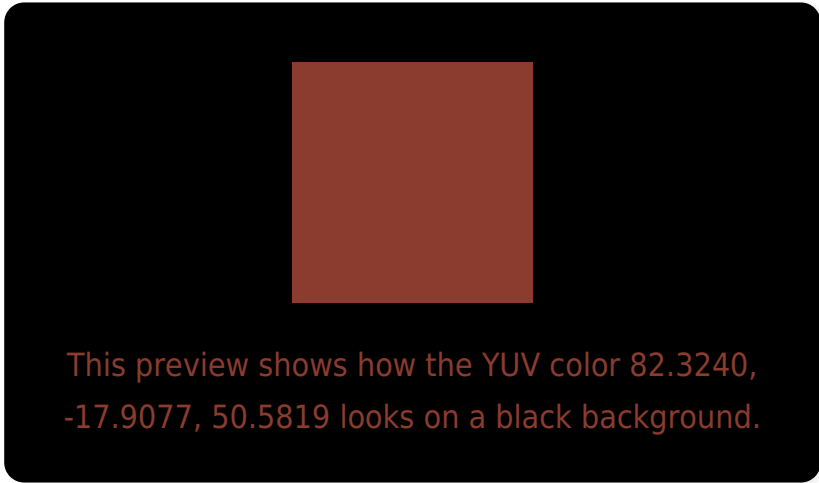
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.3240, -17.9077, 50.5819

Background



This preview shows how black text looks on a background with the YUV color 82.3240, -17.9077, 50.5819.

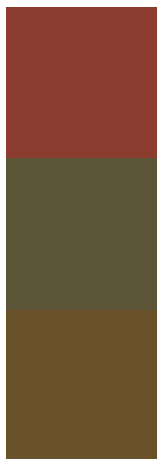


This preview shows how white text looks on a background with the YUV color 82.3240, -17.9077,

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

82.3240, -17.9077, 50.5819

Protanopia

83.9720, -14.2832, 7.9176

Deuteranopia

83.7300, -20.5729, 18.6538



Tritanopia

83.2730, -10.4876, 50.6266

Trichromacy



Original Color

82.3240, -17.9077, 50.5819

Protanomaly

83.4300, -15.4950, 23.3019

Deuteranomaly

83.0350, -19.7373, 30.6643

Tritanomaly

83.1760, -13.3978, 50.7116

Monochromacy



Original Color

82.3240, -17.9077, 50.5819

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1010, -6.4588, 18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3240, -17.9077, 50.5819 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(140, 60, 46)` looks like.

```
.text, #text, p{  
    color:rgb(140, 60, 46)  
}
```

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(140, 60, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 60, 46) }
```

Border

The CSS property to change the border of an element to YUV 82.3240, -17.9077, 50.5819 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(140, 60, 46) }
```


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

```
.border{ border-color:rgb(140, 60, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 60, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 60, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 60, 46);  
box-shadow:4px 4px 4px 4px rgb(140, 60,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 82.3240, -17.9077, 50.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 60, 46) }
```

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

```
.background{ background-color: rgb(140, 60,  
46) }
```

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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