

Converting Colors

YUV(89.2880, -19.8620,
70.7844)

Have a look what the booklet for
YUV(89.2880, -19.8620, 70.7844)
contains.

YUV(89.2880, -19.8620, 70.7844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.2880, -19.8620,
70.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3831
RGB	170, 56, 49
RGB Percent	67%, 22%, 19%
CMY	0.3333, 0.7804, 0.8078
CMYK	0.00, 0.67, 0.71, 0.33
HSL	3°, 55%, 43%
HSV	3°, 71%, 67%
XYZ	18.5461, 11.5961, 4.1665
YIQ	89.2880, 70.1910, 21.9910

Conversions

Conversions Part 2

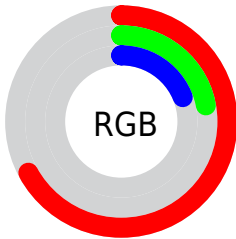
Format	Color
R_{YB}	170, 56, 49
Decimal	11155505
CIE _{Lab}	40.57, 46.18, 30.13
CIE _{LCh}	41, 55.145, 33.123
Yxy	11.5961, 0.5406, 0.3380
Android (android.graphics.Color)	4289345585 (0xFFAA3831)
YUV	89.2880, -19.8620, 70.7844
Hunter-Lab	34.0531, 37.6223, 16.5828

Details

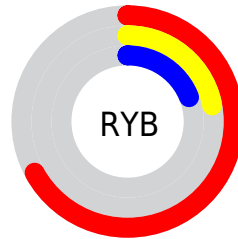
The YUV color **89.2880, -19.8620, 70.7844** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.7120, 19.8620, -70.7844**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9960, -23.6620, 76.3025**, and **33.6450, -14.6150, 67.8403** is the 20% darker color. If you saturate the color by 10%, you get **77.9580, -22.6573, 80.7208**, and if you desaturate by 10%, it is **100.6180, -17.0667, 60.8480**.

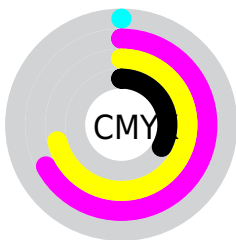
Distribution



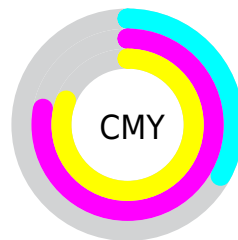
- Red (67%)
- Green (22%)
- Blue (19%)



- Red (67%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2880, -19.8620, 70.7844 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 89.2880, -19.8620, 70.7844 by changing the saturation by 10% instead.

■ 89.2880, -19.8620,
70.7844

■ 89.2880, -19.8620,
70.7844

255.0000, 0.0000,
0.0000

■ 60.9010, -16.2202,
69.3698

■ 143.9960,
-23.6620, 76.3025

■ 33.6450, -14.6150,
67.8403

■ 169.8710,
-24.0934, 74.6581

■ 24.5180, -12.0874,
50.4117

■ 188.5700,
-20.9870, 58.2591

■ 16.9720, -7.3812,
34.2276

■ 208.0840,
-17.2964, 41.1453

■ 4.1860, -2.0637,
8.6069

■ 228.1850,
-13.8952, 23.5168

■ 0.0000, 0.0000,
0.0000

■ 248.5140, -9.6204,

5.6882

■ 89.2880, -19.8620,
70.7844

■ 89.2880, -19.8620,
70.7844

■ 77.9580, -22.6573,
80.7208

■ 100.6180,
-17.0667, 60.8480

■ 66.6280, -25.4526,
90.6572

■ 111.9480,
-14.2714, 50.9116

■ 56.7000, -27.9531,
99.3641

■ 123.2780,
-11.4761, 40.9752

■ 134.6080, -8.6807,
31.0388

■ 145.9380, -5.8854,
21.1024

■ 157.2680, -3.0901,
11.1660

■ 168.5980, -0.2948,
1.2296

■ 179.9280, 2.5005,
-8.7069

■ 191.2580, 5.2958,
-18.6433

Harmonies

Analogous

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



88.4560, 2.2402, 75.0221



89.2880, -19.8620, 70.7844



89.4940, -42.6415, 50.4328

Triad

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



89.2880, -19.8620, 70.7844



72.2590, -9.9877, -63.3711



79.9040, 52.3053, -70.0758

Complementary

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



89.2880, -19.8620, 70.7844



129.7120, 19.8620, -70.7844

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.



85.2210, 44.7540, -74.7388



89.2880, -19.8620, 70.7844



79.3780, 9.6736, -69.6145

Square

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



89.2880, -19.8620, 70.7844



82.2440, -40.5463, -15.1230



83.9210, 29.6189, -73.5987



97.0550, 36.9479, 2.5828

Rectangle

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



89.2880, -19.8620, 70.7844



90.2050, -44.4711, 30.5152



83.9210, 29.6189, -73.5987



82.2520, 51.1478, -72.1350

Sweetspot

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



89.2880, -19.8620, 70.7844



190.8140, -7.7963, 27.3501



98.2890, 32.3955, 62.8905



93.5460, -4.7062, 16.1842



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



89.2880, -19.8620, 70.7844



95.9680, -31.0432, 110.5301



124.5080, -37.2254, 39.8965



78.3920, -1.1793, 4.9182



49.5350, -24.4208, 86.3538



6.5670, -3.2375, 11.7807

Inverse Universe

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



129.7120, 19.8620, -70.7844



159.0320, 31.0432, -110.5301



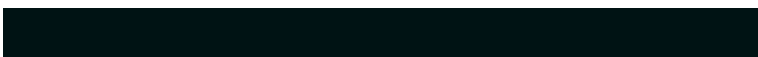
94.4920, 37.2254, -39.8965



81.6080, 1.1793, -4.9182



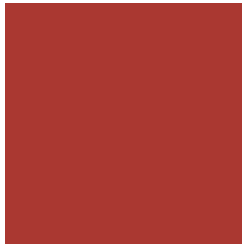
98.4650, 24.4208, -86.3538



13.4330, 3.2375, -11.7807

Previews

White Background



This preview shows how the YUV color 89.2880, -19.8620, 70.7844 looks on a white background.

Color Contrast Check

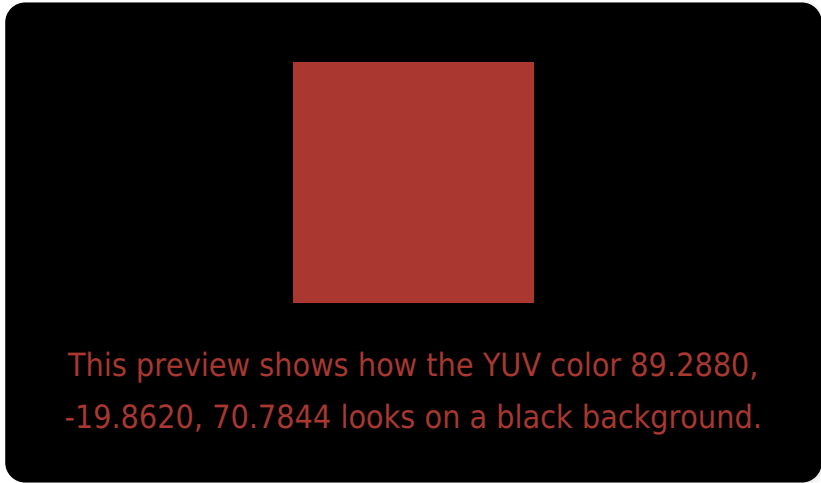
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2880, -19.8620, 70.7844

Background



This preview shows how black text looks on a background with the YUV color 89.2880, -19.8620, 70.7844.



This preview shows how white text looks on a background with the YUV color 89.2880, -19.8620,

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

89.2880, -19.8620, 70.7844

Protanopia

94.9290, -15.7410, 8.8323

Deuteranopia

94.6720, -25.9673, 22.2127



Tritanopia

89.7270, -15.6414, 70.3994

Trichromacy



Original Color

89.2880, -19.8620, 70.7844

Protanomaly

92.7300, -17.1219, 31.8088

Deuteranomaly

92.7650, -23.5481, 39.6711

Tritanomaly

89.3850, -16.9518, 70.6994

Monochromacy



Original Color

89.2880, -19.8620, 70.7844

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9170, -7.3541, 25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2880, -19.8620, 70.7844 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(170, 56, 49)` looks like.

```
.text, #text, p{  
    color:rgb(170, 56, 49)  
}
```

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(170, 56, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 56, 49) }
```

Border

The CSS property to change the border of an element to YUV 89.2880, -19.8620, 70.7844 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(170, 56, 49) }
```


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

```
.border{ border-color:rgb(170, 56, 49) }
```

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

Here you see how a box with a 4 pixel rgb(170, 56, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 56, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 56, 49);  
box-shadow:4px 4px 4px 4px rgb(170, 56,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 89.2880, -19.8620, 70.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 56, 49) }
```

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

```
.background{ background-color: rgb(170, 56,  
49) }
```

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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