

Converting Colors

YUV(88.3990, -8.0847, 73.3181)

Have a look what the booklet for
YUV(88.3990, -8.0847, 73.3181)
contains.

YUV(88.3990, -8.0847, 73.3181)	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(88.3990, -8.0847,
73.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3148
RGB	172, 49, 72
RGB Percent	67%, 19%, 28%
CMY	0.3255, 0.8078, 0.7176
CMYK	0.00, 0.72, 0.58, 0.33
HSL	349°, 56%, 43%
HSV	349°, 72%, 67%
XYZ	19.2813, 11.4352, 7.3219
YIQ	88.3990, 65.9250, 33.2290

Conversions

Conversions Part 2

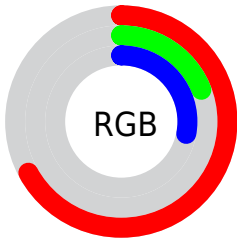
Format	Color
R_{YB}	172, 49, 72
Decimal	11284808
CIE _{Lab}	40.30, 51.10, 15.75
CIE _{LCh}	40, 53.471, 17.126
Yxy	11.4352, 0.5069, 0.3006
Android (android.graphics.Color)	4289474888 (0xFFAC3148)
YUV	88.3990, -8.0847, 73.3181
Hunter-Lab	33.8159, 42.5999, 10.8336

Details

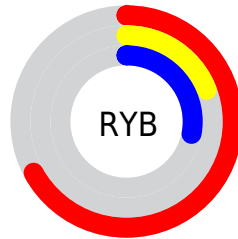
The YUV color **88.3990, -8.0847, 73.3181** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **132.6010, 8.0847, -73.3181**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0960, -11.8793, 77.0918**, and **37.0930, -3.9898, 66.5704** is the 20% darker color. If you saturate the color by 10%, you get **76.8240, -9.2802, 83.4694**, and if you desaturate by 10%, it is **99.9740, -6.8892, 63.1668**.

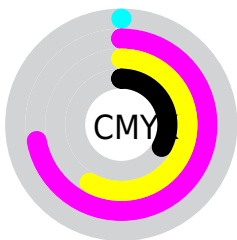
Distribution



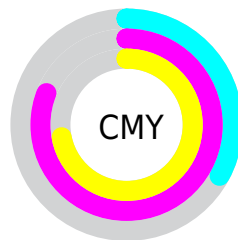
- Red (67%)
- Green (19%)
- Blue (28%)



- Red (67%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (72%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3990, -8.0847, 73.3181 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 88.3990, -8.0847, 73.3181 by changing the saturation by 10% instead.

■ 88.3990, -8.0847,
73.3181

■ 88.3990, -8.0847,
73.3181

255.0000, 0.0000,
0.0000

■ 56.9630, -3.4328,
74.5774

■ 144.0960,
-11.8793, 77.0918

■ 37.0930, -3.9898,
66.5704

■ 169.7860,
-11.7265, 74.7327

■ 25.7570, -11.2192,
51.9561

■ 189.1860, -8.4727,
57.7189

■ 17.8690, -7.8234,
36.0719

■ 208.8140, -4.3453,
40.5051

■ 6.2790, -3.0955,
12.9103

■ 229.0290, -0.5073,
22.7766

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.8939,

5.1480

■ 88.3990, -8.0847,
73.3181

■ 88.3990, -8.0847,
73.3181

■ 76.8240, -9.2802,
83.4694

■ 99.9740, -6.8892,
63.1668

■ 65.2490, -10.4758,
93.6206

■ 111.5490, -5.6937,
53.0155

■ 55.0760, -11.3765,
102.5423

■ 123.7110, -4.7875,
42.3495

■ 135.2860, -3.5920,
32.1982

■ 146.8610, -2.3965,
22.0469

■ 158.4360, -1.2009,
11.8956

■ 170.0110, -0.0054,
1.7444

■ 182.1730, 0.9007,
-8.9217

■ 193.7480, 2.0962,
-19.0730

Harmonies

Analogous

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



91.8980, 11.8823, 62.3565



88.3990, -8.0847, 73.3181



90.4040, -29.2862, 60.1587

Triad

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



88.3990, -8.0847, 73.3181



77.7540, -24.0357, -37.4953



82.8560, 48.3850, -72.6647

Complementary

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



88.3990, -8.0847, 73.3181



132.6010, 8.0847, -73.3181

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.



84.4570, 36.7497, -74.0688



88.3990, -8.0847, 73.3181



75.3540, -0.6675, -66.0855

Square

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



88.3990, -8.0847, 73.3181



86.4960, -42.6425, 3.9500



81.1850, 19.1358, -71.1992



87.8760, 44.9241, -35.8483

Rectangle

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



88.3990, -8.0847, 73.3181



89.1190, -43.9357, 45.4996



81.1850, 19.1358, -71.1992



84.0470, 45.3328, -73.7092

Sweetspot

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



88.3990, -8.0847, 73.3181



192.0790, -2.9969, 27.9947



92.3240, 39.2803, 47.9509



92.9420, -1.9434, 16.7139



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.



88.3990, -8.0847, 73.3181



92.9250, -12.2880, 114.9528



107.4960, -28.8385, 56.5700



80.9190, -0.4531, 5.3330



48.0420, -9.8807, 89.4172



7.3330, -1.6432, 13.7400

Inverse Universe

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



88.3990, -8.0847, 73.3181



92.9250, -12.2880, 114.9528



113.5040, 28.8385, -56.5700



80.9190, -0.4531, 5.3330



48.0420, -9.8807, 89.4172



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 88.3990, -8.0847, 73.3181 looks on a white background.

Color Contrast Check

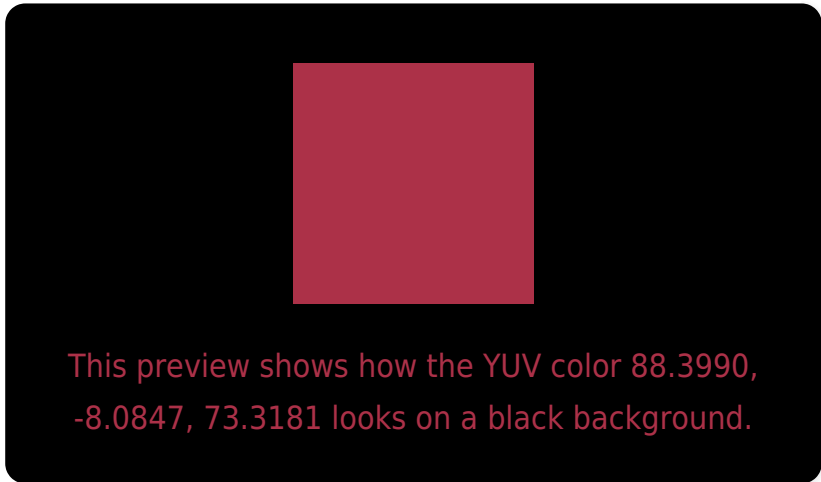
Large Text (above 18pt) WCAG AA ✓ Pass

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

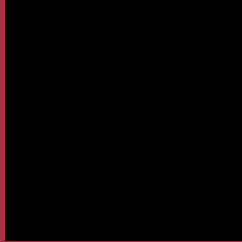
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3990, -8.0847, 73.3181

Background



This preview shows how black text looks on a background with the YUV color 88.3990, -8.0847, 73.3181.



This preview shows how white text looks on a background with the YUV color 88.3990, -8.0847,

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

88.3990, -8.0847, 73.3181

Protanopia

96.3700, -1.1684, 1.4295

Deuteranopia

95.9130, -14.7471, 16.7393



Tritanopia

87.9230, -16.2310, 72.8585

Trichromacy



Original Color

88.3990, -8.0847, 73.3181

Protanomaly

93.5520, -3.7231, 27.5799

Deuteranomaly

93.0280, -12.3388, 37.6864

Tritanomaly

88.0200, -13.3209, 72.7735

Monochromacy



Original Color

88.3990, -8.0847, 73.3181

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3670, -3.1389, 26.8651

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3990, -8.0847, 73.3181 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(172, 49, 72)` looks like.

```
.text, #text, p{  
    color:rgb(172, 49, 72)  
}
```

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(172, 49, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 49, 72) }
```

Border

The CSS property to change the border of an element to YUV 88.3990, -8.0847, 73.3181 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(172, 49, 72) }
```


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

```
.border{ border-color:rgb(172, 49, 72) }
```

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

Here you see how a box with a 4 pixel rgb(172, 49, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 49, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 49, 72);  
box-shadow:4px 4px 4px 4px rgb(172, 49,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 88.3990, -8.0847, 73.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 49, 72) }
```

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

```
.background{ background-color: rgb(172, 49,  
72) }
```

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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