

Converting Colors

YUV(70.8600, -20.6370,
86.0688)

Have a look what the booklet for
YUV(70.8600, -20.6370, 86.0688)
contains.

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Color

**YUV(70.8600, -20.6370,
86.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	A91D1D
RGB	169, 29, 29
RGB Percent	66%, 11%, 11%
CMY	0.3373, 0.8863, 0.8863
CMYK	0.00, 0.83, 0.83, 0.34
HSL	0°, 71%, 39%
HSV	0°, 83%, 66%
XYZ	17.0233, 9.4025, 2.0800
YIQ	70.8600, 83.4400, 29.6800

Conversions

Conversions Part 2

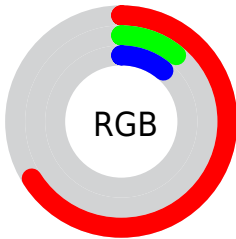
Format	Color
RYB	169, 29, 29
Decimal	11083037
CIELab	36.75, 54.48, 37.48
CIElCh	37, 66.127, 34.526
Yxy	9.4025, 0.5972, 0.3298
Android (android.graphics.Color)	4289273117 (0xFFA91D1D)
YUV	70.8600, -20.6370, 86.0688
Hunter-Lab	30.6634, 45.4363, 17.4425

Details

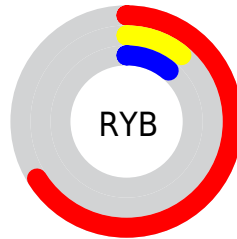
The YUV color **70.8600, -20.6370, 86.0688** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **127.1400, 20.6370, -86.0688**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0470, -27.6312, 89.4128**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **58.9430, -23.1429, 96.5200**, and if you desaturate by 10%, it is **82.7770, -18.1311, 75.6176**.

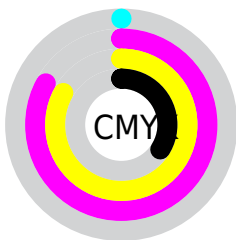
Distribution



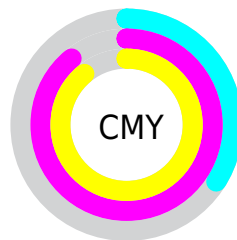
- Red (66%)
- Green (11%)
- Blue (11%)



- Red (66%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (83%)
- Black (34%)





- Cyan (34%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.8600, -20.6370, 86.0688 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 70.8600, -20.6370, 86.0688 by changing the saturation by 10% instead.


 70.8600, -20.6370,
86.0688


 70.8600, -20.6370,
86.0688


255.0000, 0.0000,
0.0000

 41.9460, -17.7214,
84.2394


 130.0470,
-27.6312, 89.4128


 32.2920, -15.9200,
66.3959

 155.5090,
-28.3519, 87.2536


 23.3220, -11.4977,
47.9526

 174.7950,
-25.5349, 70.3398

 15.1780, -6.4968,
30.5389

 194.1950,
-22.2811, 53.3260

 0.0000, 0.0000,
0.0000

 214.2960,
-18.8799, 35.6974

 234.5110,

-15.0419, 17.9689

■ 252.3780,
-10.0464, 2.2995

■ 70.8600, -20.6370,
86.0688

■ 70.8600, -20.6370,
86.0688

■ 58.9430, -23.1429,
96.5200

■ 82.7770, -18.1311,
75.6176

■ 50.5310, -24.9118,
103.8973

■ 94.6940, -15.6251,
65.1664

■ 106.6110,
-13.1192, 54.7152

■ 118.5280,
-10.6133, 44.2639

■ 129.7440, -8.2548,
34.4275

■ 141.6610, -5.7489,
23.9763

■ 153.5780, -3.2430,
13.5251

■ 165.4950, -0.7370,
3.0739

■ 177.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



61.8580, 9.4370, 100.1025



70.8600, -20.6370, 86.0688



80.3140, -39.5948, 53.2216

Triad

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



70.8600, -20.6370, 86.0688



66.3260, -14.9507, -58.1679



75.5330, 58.4042, -66.2424

Complementary

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



70.8600, -20.6370, 86.0688



127.1400, 20.6370, -86.0688

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.



81.9100, 49.8374, -71.8351



70.8600, -20.6370, 86.0688



73.9980, 9.3680, -64.8962

Square

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



70.8600, -20.6370, 86.0688



70.6600, -34.8354, -26.8888



80.0400, 32.5183, -70.1951



86.4880, 43.6364, 3.9570

Rectangle

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



70.8600, -20.6370, 86.0688



81.6330, -40.2451, 28.3859



80.0400, 32.5183, -70.1951



79.0550, 56.6679, -69.3312

Sweetspot

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



70.8600, -20.6370, 86.0688



180.4450, -8.1074, 33.8127



86.8200, 40.5147, 72.0719



86.8670, -4.8644, 20.2876



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



70.8600, -20.6370, 86.0688



66.8830, -31.9873, 133.4066



111.9500, -40.8944, 50.0328



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



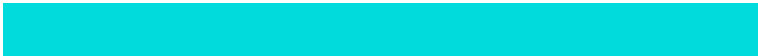
5.9800, -2.9481, 12.2955

Inverse Universe

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



127.1400, 20.6370, -86.0688



154.1170, 31.9873, -133.4066



86.0500, 40.8944, -50.0328



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 70.8600, -20.6370, 86.0688 looks on a white background.

Color Contrast Check

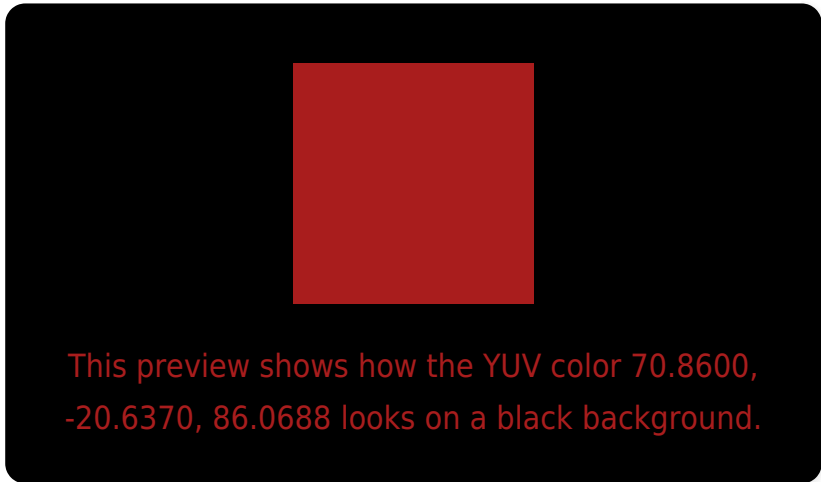
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.8600, -20.6370, 86.0688

Background



This preview shows how black text looks on a background with the YUV color 70.8600, -20.6370, 86.0688.



This preview shows how white text looks on a background with the YUV color 70.8600, -20.6370,

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

70.8600, -20.6370, 86.0688

Protanopia

85.6750, -20.5458, 9.9320

Deuteranopia

83.3920, -34.7033, 24.2122



Tritanopia

70.7460, -21.0738, 86.1688

Trichromacy



Original Color

70.8600, -20.6370, 86.0688

Protanomaly

80.5520, -20.4851, 37.2269

Deuteranomaly

78.6150, -29.3902, 46.8186

Tritanomaly

70.7460, -21.0738, 86.1688

Monochromacy



Original Color

70.8600, -20.6370, 86.0688

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2490, -7.5178, 31.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8600, -20.6370, 86.0688 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(169, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(169, 29, 29)  
}
```

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(169, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 29, 29) }
```

Border

The CSS property to change the border of an element to YUV 70.8600, -20.6370, 86.0688 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(169, 29, 29) }
```


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

```
.border{ border-color:rgb(169, 29, 29) }
```

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

Here you see how a box with a 4 pixel rgb(169, 29, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(169, 29,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 70.8600, -20.6370, 86.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 29, 29) }
```

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

```
.background{ background-color: rgb(169, 29,  
29) }
```

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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