

Converting Colors

YUV(71.8090, -13.2168,
86.1135)

Have a look what the booklet for
YUV(71.8090, -13.2168, 86.1135)
contains.

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Color

**YUV(71.8090, -13.2168,
86.1135)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AA1B2D |
| RGB | 170, 27, 45 |
| RGB Percent | 67%, 11%, 18% |
| CMY | 0.3333, 0.8941, 0.8235 |
| CMYK | 0.00, 0.84, 0.74, 0.33 |
| HSL | 352°, 73%, 39% |
| HSV | 352°, 84%, 67% |
| XYZ | 17.4432, 9.5194, 3.4007 |
| YIQ | 71.8090, 79.4500, 35.9140 |

Conversions

Conversions Part 2

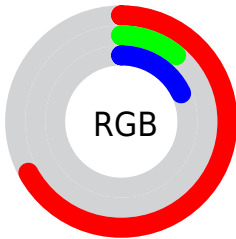
| Format | Color |
|-------------------------------------|--|
| RYB | 170, 27, 45 |
| Decimal | 11148077 |
| CIELab | 36.97, 55.84, 28.34 |
| CIElCh | 37, 62.618, 26.905 |
| Yxy | 9.5194, 0.5745, 0.3135 |
| Android (android.graphics.Color) | 4289338157 (0xFFAA1B2D) |
| YUV | 71.8090, -13.2168, 86.1135 |
| Hunter-Lab | 30.8535, 46.9221, 15.0625 |

Details

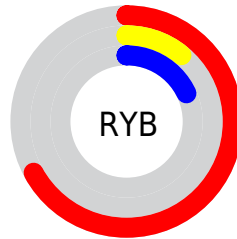
The YUV color **71.8090, -13.2168, 86.1135** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **125.1910, 13.2168, -86.1135**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3980, -19.9162, 88.2280**, and **32.8900, -16.2148, 67.6255** is the 20% darker color. If you saturate the color by 10%, you get **60.1200, -14.8492, 96.3648**, and if you desaturate by 10%, it is **83.4980, -11.5845, 75.8623**.

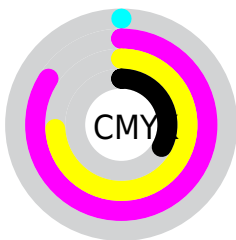
Distribution



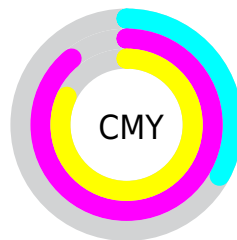
- Red (67%)
- Green (11%)
- Blue (18%)



- Red (67%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (84%)
- Yellow (74%)
- Black (33%)





- Cyan (33%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.8090, -13.2168, 86.1135 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 71.8090, -13.2168, 86.1135 by changing the saturation by 10% instead.


 71.8090, -13.2168,
86.1135

 71.8090, -13.2168,
86.1135


255.0000, 0.0000,
0.0000

 44.5960, -10.1538,
83.6693


 131.3980,
-19.9162, 88.2280


 32.8900, -16.2148,
67.6255

 157.4470,
-20.9264, 85.5540


 23.9200, -11.7926,
49.1822

 176.8470,
-17.6726, 68.5402

 15.7760, -6.7916,
31.7684

 196.2470,
-14.4188, 51.5264

 0.0000, 0.0000,
0.0000

 215.7610,
-10.7282, 34.4126

 236.5630, -7.1796,

16.1692

254.5440, -1.7472,
0.3999

■ 71.8090, -13.2168,
86.1135

■ 71.8090, -13.2168,
86.1135

■ 60.1200, -14.8492,
96.3648

■ 83.4980, -11.5845,
75.8623

■ 53.2240, -15.8864,
102.4126

■ 95.1870, -9.9522,
65.6110

■ 106.8760, -8.3199,
55.3597

■ 118.4510, -7.1243,
45.2085

■ 130.1400, -5.4920,
34.9572

■ 141.8290, -3.8597,
24.7060

■ 153.5180, -2.2274,
14.4547

■ 165.2070, -0.5951,
4.2035

■ 176.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



65.6550, 13.9741, 91.5106



71.8090, -13.2168, 86.1135



79.4720, -39.1797, 60.0991

Triad

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



71.8090, -13.2168, 86.1135



63.8980, -19.1767, -56.0385



77.3110, 55.0627, -67.8017

Complementary

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



71.8090, -13.2168, 86.1135



125.1910, 13.2168, -86.1135

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.



81.2430, 44.7432, -71.2501



71.8090, -13.2168, 86.1135



72.5160, 3.6896, -63.5965

Square

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



71.8090, -13.2168, 86.1135



75.4770, -37.2102, -11.8193



78.4440, 26.4031, -68.7954



84.6380, 46.0275, -16.3455

Rectangle

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



71.8090, -13.2168, 86.1135



82.5740, -40.7090, 37.2076



78.4440, 26.4031, -68.7954



79.9040, 52.3053, -70.0758

Sweetspot

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



71.8090, -13.2168, 86.1135



183.5420, -5.1972, 33.7277



80.3780, 44.1836, 61.9355



89.3230, -3.1172, 19.8877



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.



71.8090, -13.2168, 86.1135



69.5700, -20.4940, 133.6811



100.2810, -36.1275, 61.1436



78.5060, -0.7425, 4.8182



46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Inverse Universe

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



71.8090, -13.2168, 86.1135



69.5700, -20.4940, 133.6811



96.7190, 36.1275, -61.1436



78.5060, -0.7425, 4.8182



46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 71.8090, -13.2168, 86.1135 looks on a white background.

Color Contrast Check

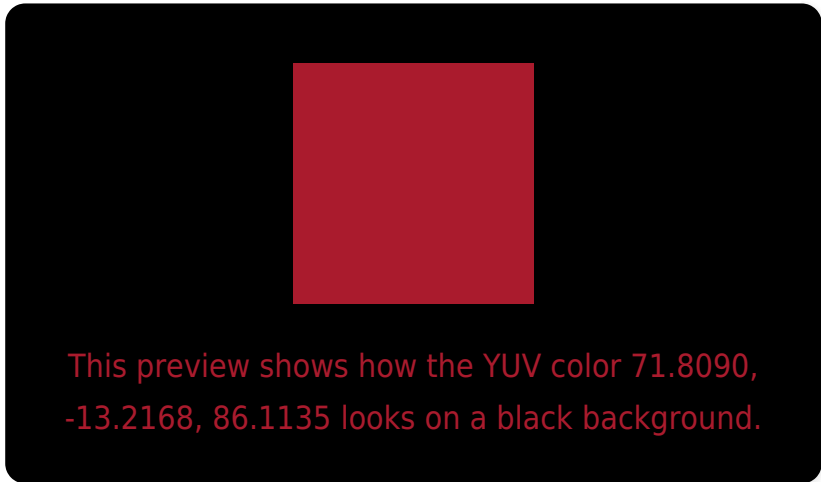
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.8090, -13.2168, 86.1135

Background



This preview shows how black text looks on a background with the YUV color 71.8090, -13.2168, 86.1135.



This preview shows how white text looks on a background with the YUV color 71.8090, -13.2168,

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

71.8090, -13.2168, 86.1135

Protanopia

87.4710, -11.0782, 6.6029

Deuteranopia

86.3020, -24.7989, 20.7831



Tritanopia

71.7460, -21.0738, 86.1688

Trichromacy



Original Color

71.8090, -13.2168, 86.1135

Protanomaly

81.8320, -11.7492, 35.2273

Deuteranomaly

80.8950, -20.6542, 44.8191

Tritanomaly

71.8430, -18.1636, 86.0837

Monochromacy



Original Color

71.8090, -13.2168, 86.1135

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2320, -5.0444, 31.3685

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8090, -13.2168, 86.1135 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, 27, 45)` looks like.

```
.text, #text, p{  
    color:rgb(170, 27, 45)  
}
```

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, 27, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 27, 45) }
```

Border

The CSS property to change the border of an element to YUV 71.8090, -13.2168, 86.1135 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, 27, 45) }
```


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

```
.border{ border-color:rgb(170, 27, 45) }
```

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

Here you see how a box with a 4 pixel rgb(170, 27, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 27, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 27, 45);  
box-shadow:4px 4px 4px 4px rgb(170, 27,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 71.8090, -13.2168, 86.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 27, 45) }
```

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

```
.background{ background-color: rgb(170, 27,  
45) }
```

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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