

Converting Colors

YUV(73.7080, -3.3070, 80.9401)

Have a look what the booklet for
YUV(73.7080, -3.3070, 80.9401)
contains.

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Color

**YUV(73.7080, -3.3070,
80.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	A61C43
RGB	166, 28, 67
RGB Percent	65%, 11%, 26%
CMY	0.3490, 0.8902, 0.7373
CMYK	0.00, 0.83, 0.60, 0.35
HSL	343°, 71%, 38%
HSV	343°, 83%, 65%
XYZ	17.1543, 9.3427, 6.2094
YIQ	73.7080, 69.7290, 41.3850

Conversions

Conversions Part 2

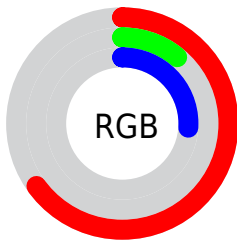
Format	Color
R _Y B	166, 28, 67
Decimal	10886211
CIE Lab	36.64, 55.68, 13.77
CIE LCh	37, 57.360, 13.889
Yxy	9.3427, 0.5245, 0.2857
Android (android.graphics.Color)	4289076291 (0xFFA61C43)
YUV	73.7080, -3.3070, 80.9401
Hunter-Lab	30.5659, 46.6878, 9.3515

Details

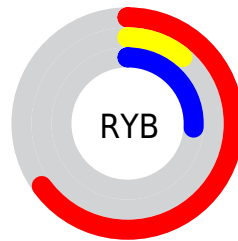
The YUV color **73.7080, -3.3070, 80.9401** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **120.2920, 3.3070, -80.9401**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9270, -8.8380, 81.6250**, and **34.8430, -4.8526, 63.2817** is the 20% darker color. If you saturate the color by 10%, you get **62.3610, -3.6290, 90.8914**, and if you desaturate by 10%, it is **85.0550, -2.9851, 70.9888**.

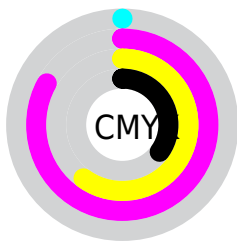
Distribution



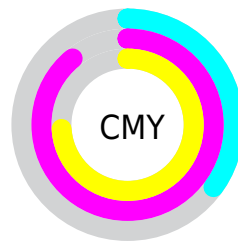
- Red (65%)
- Green (11%)
- Blue (26%)



- Red (65%)
- Yellow (11%)
- Blue (26%)



- Cyan (0%)
- Magenta (83%)
- Yellow (60%)
- Black (35%)





- Cyan (35%)
- Magenta (89%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.7080, -3.3070, 80.9401 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 73.7080, -3.3070, 80.9401 by changing the saturation by 10% instead.


 73.7080, -3.3070,
80.9401


 73.7080, -3.3070,
80.9401


255.0000, 0.0000,
0.0000


 45.7940, -0.3914,
79.1107


 132.9270, -8.8380,
81.6250


 34.8430, -4.8526,
63.2817


 160.2970,
-10.0064, 83.0545

 23.6210, -11.6452,
48.5674

 179.6970, -6.7526,
66.0407

 15.4770, -6.6442,
31.1537

 199.2110, -3.0620,
48.9270

 0.0000, 0.0000,
0.0000

 219.4260, 0.7760,
31.1984

 239.7550, 5.0508,

13.3699

■ 73.7080, -3.3070,
80.9401

■ 73.7080, -3.3070,
80.9401

■ 62.3610, -3.6290,
90.8914

■ 85.0550, -2.9851,
70.9888

■ 54.9920, -3.9401,
97.3540

■ 95.8150, -2.3738,
61.5522

■ 107.1620, -2.0519,
51.6009

■ 117.9220, -1.4405,
42.1644

■ 129.2690, -1.1186,
32.2131

■ 140.5020, -1.2335,
22.3617

■ 151.2620, -0.6222,
12.9252

■ 162.6090, -0.3002,
2.9739

■ 173.3690, 0.3111,
-6.4626

Harmonies

Analogous

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



79.7720, 16.3814, 65.9750



73.7080, -3.3070, 80.9401



79.0780, -28.1395, 65.7066

Triad

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



73.7080, -3.3070, 80.9401



66.6310, -30.8771, -36.5104



78.0630, 47.7899, -68.4613

Complementary

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



73.7080, -3.3070, 80.9401



120.2920, 3.3070, -80.9401

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.



78.7350, 35.1336, -69.0506



73.7080, -3.3070, 80.9401



68.3610, -4.6150, -59.9526

Square

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



73.7080, -3.3070, 80.9401



79.1310, -39.0116, 6.0241



74.4200, 16.0619, -65.2663



70.0730, 52.7150, -61.4540

Rectangle

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



73.7080, -3.3070, 80.9401



80.5800, -39.7259, 48.6033



74.4200, 16.0619, -65.2663



78.5530, 44.5904, -68.8910

Sweetspot

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



73.7080, -3.3070, 80.9401



180.8560, -1.4080, 31.6983



73.3330, 45.6848, 47.0660



87.8930, -0.9332, 19.3878



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.



73.7080, -3.3070, 80.9401



71.8370, -5.3426, 127.3080



86.8720, -29.0239, 69.3953



78.6200, -0.3057, 4.7183



49.0400, -3.4707, 86.7879



6.6640, -0.3274, 11.6957

Inverse Universe

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



73.7080, -3.3070, 80.9401



71.8370, -5.3426, 127.3080



107.1280, 29.0239, -69.3953



78.6200, -0.3057, 4.7183



49.0400, -3.4707, 86.7879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 73.7080, -3.3070, 80.9401 looks on a white background.

Color Contrast Check

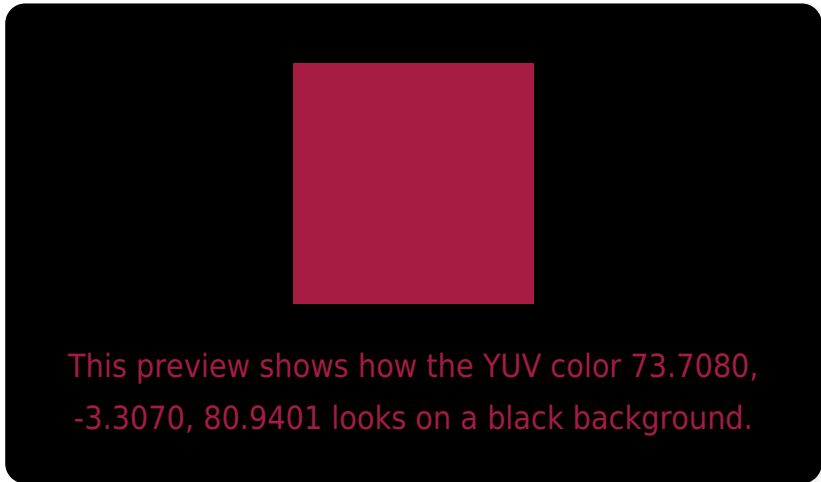
Large Text (above 18pt) WCAG AA ✓ Pass

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

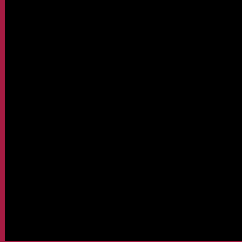
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7080, -3.3070, 80.9401

Background



This preview shows how black text looks on a background with the YUV color 73.7080, -3.3070, 80.9401.



This preview shows how white text looks on a background with the YUV color 73.7080, -3.3070,

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

73.7080, -3.3070, 80.9401

Protanopia

88.0970, 2.9102, -0.0851

Deuteranopia

87.5430, -13.5787, 15.3098



Tritanopia

74.6850, -18.5787, 79.2063

Trichromacy



Original Color

73.7080, -3.3070, 80.9401

Protanomaly

83.0020, 0.4920, 28.9392

Deuteranomaly

82.7230, -9.7234, 38.8309

Tritanomaly

74.1780, -12.9058, 79.6509

Monochromacy



Original Color

73.7080, -3.3070, 80.9401

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5460, -1.2552, 29.3392

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7080, -3.3070, 80.9401 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(166, 28, 67)` looks like.

```
.text, #text, p{  
    color:rgb(166, 28, 67)  
}
```

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(166, 28, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 28, 67) }
```

Border

The CSS property to change the border of an element to YUV 73.7080, -3.3070, 80.9401 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(166, 28, 67) }
```


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

```
.border{ border-color:rgb(166, 28, 67) }
```

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

Here you see how a box with a 4 pixel rgb(166, 28, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 28, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 28, 67);  
box-shadow:4px 4px 4px 4px rgb(166, 28,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 73.7080, -3.3070, 80.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 28, 67) }
```

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

```
.background{ background-color: rgb(166, 28,  
67) }
```

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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