

Converting Colors

YUV(83.9840, -1.9641, 70.1740)

Have a look what the booklet for
YUV(83.9840, -1.9641, 70.1740)
contains.

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Color

**YUV(83.9840, -1.9641,
70.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	A42C50
RGB	164, 44, 80
RGB Percent	64%, 17%, 31%
CMY	0.3569, 0.8275, 0.6863
CMYK	0.00, 0.73, 0.51, 0.36
HSL	342°, 58%, 41%
HSV	342°, 73%, 64%
XYZ	17.6585, 10.2731, 8.6416
YIQ	83.9840, 59.9640, 36.6360

Conversions

Conversions Part 2

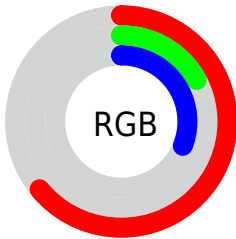
Format	Color
R_YB	164, 44, 80
Decimal	10759248
CIE _{Lab}	38.33, 51.13, 7.72
CIE _{LCh}	38, 51.711, 8.586
Yxy	10.2731, 0.4828, 0.2809
Android (android.graphics.Color)	4288949328 (0xFFA42C50)
YUV	83.9840, -1.9641, 70.1740
Hunter-Lab	32.0516, 42.2523, 6.4506

Details

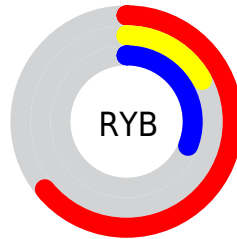
The YUV color **83.9840, -1.9641, 70.1740** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **124.0160, 1.9641, -70.1740**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4960, -5.1745, 73.2330**, and **35.7980, 0.0996, 61.5672** is the 20% darker color. If you saturate the color by 10%, you get **73.3380, -2.1386, 79.5106**, and if you desaturate by 10%, it is **94.6300, -1.7896, 60.8375**.

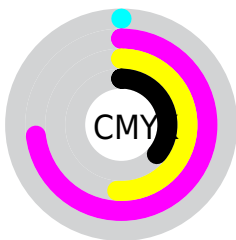
Distribution



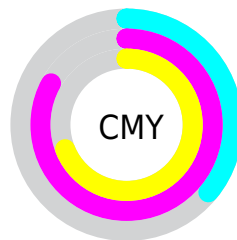
- Red (64%)
- Green (17%)
- Blue (31%)



- Red (64%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (51%)
- Black (36%)





- Cyan (36%)
- Magenta (83%)
- Yellow (69%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9840, -1.9641, 70.1740 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 83.9840, -1.9641, 70.1740 by changing the saturation by 10% instead.


 83.9840, -1.9641,
70.1740

 83.9840, -1.9641,
70.1740


255.0000, 0.0000,
0.0000


 50.3850, 3.2612,
74.2074


 139.4960, -5.1745,
73.2330

 35.7980, 0.0996,
61.5672


 167.5780, -6.2010,
75.7921

 25.0320, -4.9458,
46.4529

 187.3910, -2.6578,
59.2931

 16.0750, -6.9390,
32.3832

 206.9050, 1.0328,
42.1793

 0.5980, -0.2948,
1.2296

 227.1200, 4.8708,
24.4508

 0.0000, 0.0000,
0.0000

 246.1950, 4.3409,

7.7220

■ 83.9840, -1.9641,
70.1740

■ 83.9840, -1.9641,
70.1740

■ 73.3380, -2.1386,
79.5106

■ 94.6300, -1.7896,
60.8375

■ 61.9910, -2.4606,
89.4619

■ 105.9770, -1.4677,
50.8862

■ 54.6220, -2.7716,
95.9245

■ 116.6230, -1.2931,
41.5496

■ 127.9700, -0.9712,
31.5983

■ 138.6160, -0.7967,
22.2618

■ 149.3760, -0.1854,
12.8252

■ 160.6090, -0.3002,
2.9739

■ 171.3690, 0.3111,
-6.4626

■ 182.6020, 0.1962,
-16.3140

Harmonies

Analogous

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



89.5700, 15.9880, 52.1201



83.9840, -1.9641, 70.1740



84.9620, -22.1663, 63.1773

Triad

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



83.9840, -1.9641, 70.1740



77.0180, -31.0679, -21.9408



79.6130, 43.5748, -69.8206

Complementary

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



83.9840, -1.9641, 70.1740



124.0160, 1.9641, -70.1740

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.



79.5840, 30.7711, -69.7952



83.9840, -1.9641, 70.1740



69.4210, -5.6306, -60.8822

Square

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



83.9840, -1.9641, 70.1740



83.3060, -41.0699, 12.8866



75.6110, 13.0098, -66.3108



73.2530, 49.6683, -64.2429

Rectangle

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



83.9840, -1.9641, 70.1740



85.6170, -35.8002, 49.4479



75.6110, 13.0098, -66.3108



80.1030, 40.3752, -70.2503

Sweetspot

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



83.9840, -1.9641, 70.1740



182.6490, -0.8130, 27.4948



82.7960, 40.0336, 39.6439



88.3980, -0.1962, 16.3140



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



83.9840, -1.9641, 70.1740



88.5960, -3.2518, 109.9793



93.9680, -24.6342, 61.4181



76.0330, -0.0163, 5.2331



48.3710, -2.1549, 84.7436



5.9520, -0.4693, 10.5661

Inverse Universe

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



83.9840, -1.9641, 70.1740



88.5960, -3.2518, 109.9793



114.0320, 24.6342, -61.4181



76.0330, -0.0163, 5.2331



48.3710, -2.1549, 84.7436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 83.9840, -1.9641, 70.1740 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



This preview shows how the YUV color 83.9840, -1.9641, 70.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

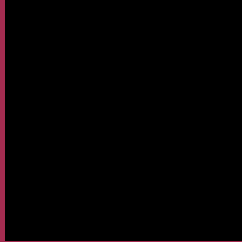
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9840, -1.9641, 70.1740

Background



This preview shows how black text looks on a background with the YUV color 83.9840, -1.9641, 70.1740.



This preview shows how white text looks on a background with the YUV color 83.9840, -1.9641,

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

83.9840, -1.9641, 70.1740

Protanopia

91.9980, 6.4100, -2.6292

Deuteranopia

91.7860, -8.7685, 12.4657



Tritanopia

84.1290, -15.3466, 69.1699

Trichromacy



Original Color

83.9840, -1.9641, 70.1740

Protanomaly

89.0660, 3.4185, 23.6211

Deuteranomaly

88.9010, -6.3602, 33.4128

Tritanomaly

84.0950, -10.3998, 69.1997

Monochromacy



Original Color

83.9840, -1.9641, 70.1740

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7520, -0.3707, 25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9840, -1.9641, 70.1740 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(164, 44, 80)` looks like.

```
.text, #text, p{  
    color:rgb(164, 44, 80)  
}
```

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(164, 44, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 44, 80) }
```

Border

The CSS property to change the border of an element to YUV 83.9840, -1.9641, 70.1740 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(164, 44, 80) }
```


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

```
.border{ border-color:rgb(164, 44, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 44, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 44, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 44, 80);  
box-shadow:4px 4px 4px 4px rgb(164, 44,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 83.9840, -1.9641, 70.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 44, 80) }
```

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

```
.background{ background-color: rgb(164, 44,  
80) }
```

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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