

Converting Colors

YUV(83.7000, -11.6841,
14.2951)

Have a look what the booklet for
YUV(83.7000, -11.6841, 14.2951)
contains.

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Color

**YUV(83.7000, -11.6841,
14.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	64503C
RGB	100, 80, 60
RGB Percent	39%, 31%, 24%
CMY	0.6078, 0.6863, 0.7647
CMYK	0.00, 0.20, 0.40, 0.61
HSL	30°, 25%, 31%
HSV	30°, 40%, 39%
XYZ	8.9398, 8.7729, 5.4971
YIQ	83.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

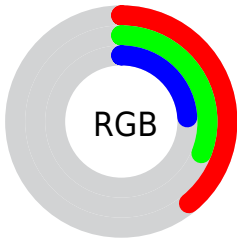
Format	Color
R_{YB}	100, 100, 60
Decimal	6574140
CIE Lab	35.54, 5.22, 14.95
CIE LCh	36, 15.833, 70.758
Yxy	8.7729, 0.3852, 0.3780
Android (android.graphics.Color)	4284764220 (0xFF64503C)
YUV	83.7000, -11.6841, 14.2951
Hunter-Lab	29.6191, 2.0426, 9.7295

Details

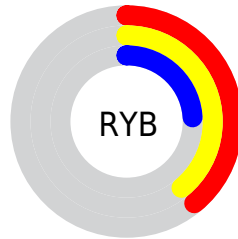
The YUV color **83.7000, -11.6841, 14.2951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.3000, 11.6841, -14.2951**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3690, -12.9999, 16.3394**, and **38.7320, -10.2209, 11.6360** is the 20% darker color. If you saturate the color by 10%, you get **79.6250, -14.6051, 17.8689**, and if you desaturate by 10%, it is **87.7750, -8.7631, 10.7213**.

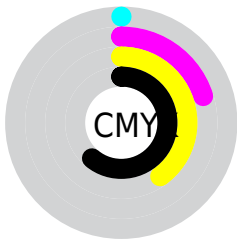
Distribution



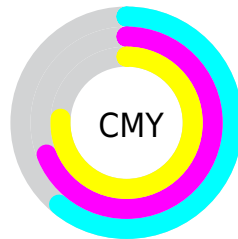
- Red (39%)
- Green (31%)
- Blue (24%)



- Red (39%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7000, -11.6841, 14.2951 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 83.7000, -11.6841, 14.2951 by changing the saturation by 10% instead.

■ 83.7000, -11.6841,
14.2951

■ 83.7000, -11.6841,
14.2951

■ 255.0000, 0.0000,
0.0000

■ 60.2160, -10.9525,
12.9656

■ 133.3690,
-12.9999, 16.3394

■ 38.7320, -10.2209,
11.6360

■ 159.6680,
-13.1473, 16.9542

■ 18.0740, -8.9105,
11.3361

■ 186.8530,
-13.7315, 17.6689

■ 0.0000, 0.0000,
0.0000

■ 214.7390,
-14.1683, 17.7689

■ 240.3470,
-12.9891, 12.8507

■ 253.5180, -5.6784,

1.2997

■ 83.7000, -11.6841,
14.2951

■ 83.7000, -11.6841,
14.2951

■ 79.6250, -14.6051,
17.8689

■ 87.7750, -8.7631,
10.7213

■ 75.5500, -17.5261,
21.4427

■ 91.8500, -5.8420,
7.1476

■ 71.4750, -20.4472,
25.0164

■ 95.9250, -2.9210,
3.5738

■ 67.4000, -23.3682,
28.5902

■ 100.0000, 0.0000,
0.0000

■ 63.3250, -26.2892,
32.1640

■ 104.0750, 2.9210,
-3.5738

■ 59.2500, -29.2102,
35.7377

■ 108.1500, 5.8420,
-7.1476

■ 112.2250, 8.7631,
-10.7213

■ 116.3000, 11.6841,
-14.2951

■ 120.3750, 14.6051,
-17.8689

Harmonies

Analogous

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



84.6560, -8.2114, 20.4727



83.7000, -11.6841, 14.2951



82.3460, -11.5096, 4.9586

Triad

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



83.7000, -11.6841, 14.2951



77.8010, 5.0281, -26.1355



85.3240, 8.7143, 4.9779

Complementary

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



83.7000, -11.6841, 14.2951



76.3000, 11.6841, -14.2951

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.



83.1590, 12.2466, -8.0324



83.7000, -11.6841, 14.2951



77.9840, 10.8539, -28.0500

Square

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



83.7000, -11.6841, 14.2951



79.3200, -2.1298, -16.9436



80.3100, 13.1582, -20.4429



85.6090, 3.1508, 16.1289

Rectangle

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



83.7000, -11.6841, 14.2951



81.7580, -9.7407, -2.4188



80.3100, 13.1582, -20.4429



84.6440, 10.0355, 1.1892

Sweetspot

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



83.7000, -11.6841, 14.2951



123.4800, -4.6736, 5.7180



74.2400, 2.8397, 22.5915



62.6260, -2.7736, 2.9590



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.7000, -11.6841, 14.2951



104.7350, -18.1104, 22.1574



95.4400, -17.4719, 3.9991



48.6690, -1.3158, 2.0443



67.8440, -33.4471, 41.3558



143.3850, -70.6888, 86.4854

Inverse Universe

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



76.3000, 11.6841, -14.2951



93.2650, 18.1104, -22.1574



64.5600, 17.4719, -3.9991



47.7440, 1.6052, -1.5295



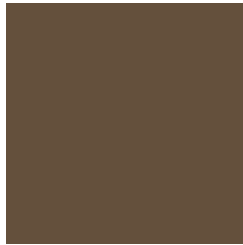
46.5690, 33.7365, -40.8410



98.6150, 70.6888, -86.4854

Previews

White Background



This preview shows how the YUV color 83.7000, -11.6841, 14.2951 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



This preview shows how the YUV color 83.7000, -11.6841, 14.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

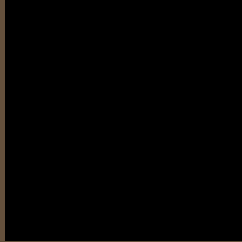
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7000, -11.6841, 14.2951

Background



This preview shows how black text looks on a background with the YUV color 83.7000, -11.6841, 14.2951.

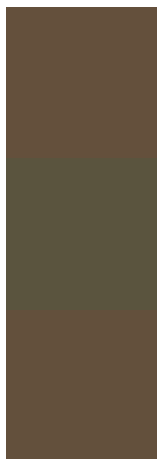


This preview shows how white text looks on a background with the YUV color 83.7000, -11.6841,

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

83.7000, -11.6841, 14.2951

Protanopia

83.2860, -10.4940, 5.8882

Deuteranopia

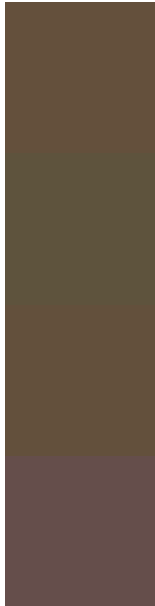
83.4010, -11.5367, 13.6803



Tritanopia

85.1590, -1.0644, 14.7696

Trichromacy



Original Color

83.7000, -11.6841, 14.2951

Protanomaly

83.7810, -11.2310, 8.9621

Deuteranomaly

83.4010, -11.5367, 13.6803

Tritanomaly

84.5350, -4.7008, 14.4398

Monochromacy



Original Color

83.7000, -11.6841, 14.2951

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7000, -11.6841, 14.2951 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(100, 80, 60)` looks like.

```
.text, #text, p{  
    color:rgb(100, 80, 60)  
}
```

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(100, 80, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 80, 60) }
```

Border

The CSS property to change the border of an element to YUV 83.7000, -11.6841, 14.2951 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(100, 80, 60) }
```


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

```
.border{ border-color:rgb(100, 80, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 80, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 80, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 80, 60);  
box-shadow:4px 4px 4px 4px rgb(100, 80,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 83.7000, -11.6841, 14.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 80, 60) }
```

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

```
.background{ background-color: rgb(100, 80,  
60) }
```

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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