

Converting Colors

YUV(83.0850, -11.3809,
150.7695)

Have a look what the booklet for
YUV(83.0850, -11.3809, 150.7695)
contains.

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Color

**YUV(83.0850, -11.3809,
150.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	FF003C
RGB	255, 0, 60
RGB Percent	100%, 0%, 24%
CMY	0.0000, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.76, 0.00
HSL	346°, 100%, 50%
HSV	346°, 100%, 100%
XYZ	42.0556, 21.5862, 6.2249
YIQ	83.0850, 132.7200, 72.7200

Conversions

Conversions Part 2

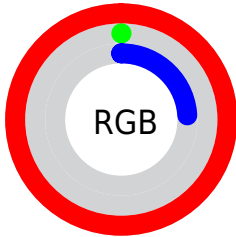
Format	Color
RYB	255, 0, 60
Decimal	16711740
CIELab	53.59, 81.07, 42.93
CIELCh	54, 91.734, 27.902
Yxy	21.5862, 0.6019, 0.3090
Android (android.graphics.Color)	4294901820 (0xFFFF003C)
YUV	83.0850, -11.3809, 150.7695
Hunter-Lab	46.4610, 80.2680, 24.5789

Details

The YUV color **83.0850, -11.3809, 150.7695** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **171.9150, 11.3809, -150.7695**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4960, -18.4855, 96.0350**, and **58.5630, -19.9976, 114.3932** is the 20% darker color. If you saturate the color by 10%, you get **83.0850, -11.3809, 150.7695**, and if you desaturate by 10%, it is **100.0400, -9.8797, 135.8999**.

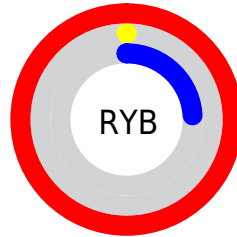
Distribution



Red (100%)

Green (0%)

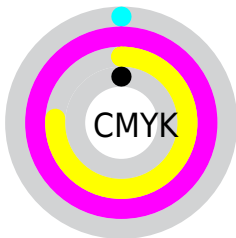
Blue (24%)



Red (100%)

Yellow (0%)

Blue (24%)

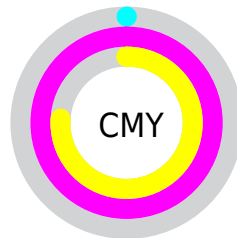


Cyan (0%)

Magenta (100%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (100%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.0850, -11.3809, 150.7695 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 83.0850, -11.3809, 150.7695 by changing the saturation by 10% instead.


 83.0850, -11.3809,
150.7695


 83.0850, -11.3809,
150.7695


255.0000, 0.0000,
0.0000


 70.7100, -16.1260,
132.6813


 145.4960,
-18.4855, 96.0350

 58.5630, -19.9976,
114.3932


 167.1300,
-16.8261, 77.0620

 46.6440, -22.9955,
95.9052


 188.2910,
-14.4405, 58.5038

 37.0050, -17.2575,
75.4176

 208.9790,
-11.3286, 40.3604

 27.6650, -11.6668,
55.5448

 230.3680, -8.0694,
21.6023

 18.2820, -7.5340,
36.5867

 251.1700, -4.5208,

 6.5780, -3.2430,

3.3589

13.5251

■ 0.0000, 0.0000,
0.0000

■ 83.0850, -11.3809,
150.7695

■ 100.0400, -9.8797,
135.8999

■ 117.4680, -9.1047,
120.6156

■ 135.0100, -7.8929,
105.2312

■ 151.8510, -6.8285,
90.4617

■ 169.3930, -5.6167,
75.0773

■ 186.2340, -4.5524,
60.3078

■ 203.7760, -3.3406,
44.9234

■ 220.6170, -2.2762,
30.1539

■ 238.1590, -1.0644,
14.7696

Harmonies

Analogous

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



91.8630, 22.2525, 143.0711



83.0850, -11.3809, 150.7695



115.9630, -57.1698, 90.3634

Triad

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



83.0850, -11.3809, 150.7695



94.2910, -32.1885, -82.6932



111.8370, 70.5794, -98.0810

Complementary

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



83.0850, -11.3809, 150.7695



171.9150, 11.3809, -150.7695

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.



120.6420, 66.2385, -105.8030



83.0850, -11.3809, 150.7695



107.0130, 6.4026, -93.8504

Square

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



83.0850, -11.3809, 150.7695



108.7470, -53.6123, -24.3341



116.8340, 41.4938, -102.4634



120.8600, 66.1310, -24.4332

Rectangle

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



83.0850, -11.3809, 150.7695



120.7490, -59.5293, 53.7171



116.8340, 41.4938, -102.4634



115.9460, 68.5536, -101.6846

Sweetspot

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



83.0850, -11.3809, 150.7695



203.7760, -3.3406, 44.9234



86.1790, 83.2288, 91.9280



96.8940, -2.4127, 27.2800



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



83.0850, -11.3809, 150.7695



113.8130, -56.1098, 123.8210



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



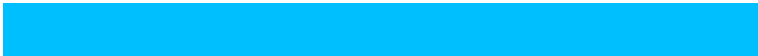
20.8460, -2.8821, 37.8461

Inverse Universe

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



83.0850, -11.3809, 150.7695



141.1870, 56.1098, -123.8210



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 83.0850, -11.3809, 150.7695 looks on a white background.

Color Contrast Check

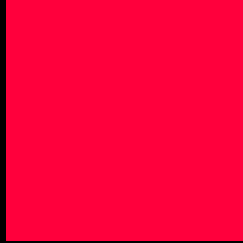
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 83.0850, -11.3809, 150.7695 looks on a black 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

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

YUV 83.0850, -11.3809, 150.7695

Background



This preview shows how black text looks on a background with the YUV color 83.0850, -11.3809, 150.7695.



This preview shows how white text looks on a background with the YUV color 83.0850, -11.3809,

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

83.0850, -11.3809, 150.7695

Protanopia

127.9570, -18.2198, 10.5617

Deuteranopia

125.7690, -39.8191, 31.7746



Tritanopia

92.2170, -38.5610, 141.8837

Trichromacy



Original Color

83.0850, -11.3809, 150.7695

Protanomaly

111.6720, -15.6143, 61.6777

Deuteranomaly

110.0900, -29.6244, 75.3431

Tritanomaly

88.8720, -28.5309, 144.8173

Monochromacy



Original Color

83.0850, -11.3809, 150.7695

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3150, -4.0993, 54.9747

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0850, -11.3809, 150.7695 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(255, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 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(255, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 60) }
```

Border

The CSS property to change the border of an element to YUV 83.0850, -11.3809, 150.7695 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(255, 0, 60) }
```

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

```
.border{ border-color:rgb(255, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.0850, -11.3809, 150.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 60) }
```

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

```
.background{ background-color: rgb(255, 0,  
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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