

Converting Colors

YUV(88.8830, -31.9873,
133.4066)

Have a look what the booklet for
YUV(88.8830, -31.9873, 133.4066)
contains.

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Color

**YUV(88.8830, -31.9873,
133.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	F11818
RGB	241, 24, 24
RGB Percent	95%, 9%, 9%
CMY	0.0549, 0.9059, 0.9059
CMYK	0.00, 0.90, 0.90, 0.05
HSL	0°, 89%, 52%
HSV	0°, 90%, 95%
XYZ	36.7671, 19.4200, 2.6747
YIQ	88.8830, 129.3320, 46.0040

Conversions

Conversions Part 2

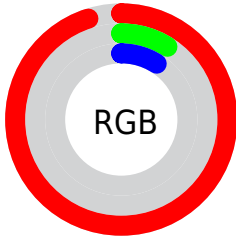
Format	Color
R_{YB}	241, 24, 24
Decimal	15800344
CIE _{Lab}	51.17, 74.77, 57.68
CIE _{LCh}	51, 94.431, 37.648
Yxy	19.4200, 0.6246, 0.3299
Android (android.graphics.Color)	4293990424 (0xFFFF11818)
YUV	88.8830, -31.9873, 133.4066
Hunter-Lab	44.0681, 71.8078, 27.2490

Details

The YUV color **88.8830, -31.9873, 133.4066** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **176.1170, 31.9873, -133.4066**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2670, -34.6416, 97.9898**, and **52.3250, -25.7962, 107.5860** is the 20% darker color. If you saturate the color by 10%, you get **72.0590, -35.5251, 148.1613**, and if you desaturate by 10%, it is **105.7070, -28.4496, 118.6520**.

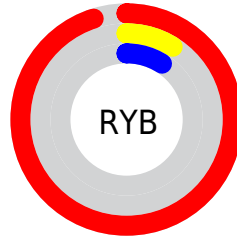
Distribution



Red (95%)

Green (9%)

Blue (9%)



Red (95%)

Yellow (9%)

Blue (9%)

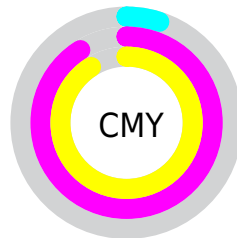


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (5%)



Cyan (5%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8830, -31.9873, 133.4066 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 88.8830, -31.9873, 133.4066 by changing the saturation by 10% instead.


 88.8830, -31.9873,
133.4066

 88.8830, -31.9873,
133.4066


255.0000, 0.0000,
0.0000


 62.1920, -30.6607,
127.8736


 143.2670,
-34.6416, 97.9898

 52.3250, -25.7962,
107.5860

 163.7270,
-32.4034, 80.0464


 42.4580, -20.9318,
87.2983


 184.3010,
-29.7284, 62.0030

 32.7050, -15.6306,
66.9107

 204.8750,
-27.0534, 43.9596

 24.0770, -9.8980,
48.1675

 225.5630,
-23.9416, 25.8162


 14.5800, -6.2019,
29.3093


 246.3650,


 0.0000, 0.0000,


-20.3929, 7.5729


0.0000


 252.4920, -9.6096,
2.1995

 88.8830, -31.9873,
133.4066


 88.8830, -31.9873,
133.4066


 72.0590, -35.5251,
148.1613

 105.7070,
-28.4496, 118.6520

 122.5310,
-24.9118, 103.8973

 139.3550,
-21.3740, 89.1427

 156.1790,
-17.8362, 74.3880

 173.0030,
-14.2985, 59.6334

■ 190.5280,
-10.6133, 44.2639

■ 207.3520, -7.0755,
29.5093

■ 224.1760, -3.5378,
14.7546

■ 241.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.2150, 8.2750, 146.2704



88.8830, -31.9873, 133.4066



113.1950, -55.8051, 72.6200

Triad

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



88.8830, -31.9873, 133.4066



94.2060, -19.8216, -82.6187



103.6190, 74.6308, -90.8739

Complementary

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



88.8830, -31.9873, 133.4066



176.1170, 31.9873, -133.4066

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.



115.3590, 68.8430, -101.1698



88.8830, -31.9873, 133.4066



105.8850, 17.3117, -92.8611

Square

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



88.8830, -31.9873, 133.4066



87.8280, -43.2992, -65.6242



114.8910, 51.8187, -100.7594



121.6570, 64.2591, 16.0868

Rectangle

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



88.8830, -31.9873, 133.4066



114.7250, -56.5594, 34.4442



114.8910, 51.8187, -100.7594



108.9020, 72.0263, -95.5071

Sweetspot

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



88.8830, -31.9873, 133.4066



206.6310, -10.1711, 42.4196



113.6210, 62.7978, 111.7114



99.2590, -6.0437, 25.2059



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.



88.8830, -31.9873, 133.4066



76.2450, -37.5888, 156.7681



152.2790, -63.2415, 77.8083



111.5880, -1.7689, 7.3773



55.0160, -27.1229, 113.1190



16.7440, -8.2548, 34.4275

Inverse Universe

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



176.1170, 31.9873, -133.4066



178.7550, 37.5888, -156.7681



112.1340, 63.5309, -77.2935



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Previews

White Background



This preview shows how the YUV color 88.8830, -31.9873, 133.4066 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



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 88.8830, -31.9873, 133.4066

Background



This preview shows how black text looks on a background with the YUV color 88.8830, -31.9873, 133.4066.



This preview shows how white text looks on a background with the YUV color 88.8830, -31.9873,

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

88.8830, -31.9873, 133.4066

Protanopia

118.1800, -36.5707, 16.5051

Deuteranopia

115.0240, -56.7068, 35.0590



Tritanopia

88.5580, -35.7711, 133.6916

Trichromacy



Original Color

88.8830, -31.9873, 133.4066

Protanomaly

107.6120, -34.8117, 59.0993

Deuteranomaly

105.3610, -47.5060, 70.7204

Tritanomaly

88.9000, -34.4607, 133.3917

Monochromacy



Original Color

88.8830, -31.9873, 133.4066

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6210, -11.6452, 48.5674

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8830, -31.9873, 133.4066 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(241, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(241, 24, 24)  
}
```

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(241, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 24, 24) }
```

Border

The CSS property to change the border of an element to YUV 88.8830, -31.9873, 133.4066 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(241, 24, 24) }
```


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

```
.border{ border-color:rgb(241, 24, 24) }
```

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

Here you see how a box with a 4 pixel rgb(241, 24, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(241, 24,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 88.8830, -31.9873, 133.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 24, 24) }
```

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

```
.background{ background-color: rgb(241, 24,  
24) }
```

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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