

Converting Colors

YUV(118.8780, -31.9849,
-7.7860)

Have a look what the booklet for
YUV(118.8780, -31.9849, -7.7860)
contains.

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Color

**YUV(118.8780, -31.9849,
-7.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8836
RGB	110, 136, 54
RGB Percent	43%, 53%, 21%
CMY	0.5686, 0.4667, 0.7882
CMYK	0.19, 0.00, 0.60, 0.47
HSL	79°, 43%, 37%
HSV	79°, 60%, 53%
XYZ	15.9004, 21.1897, 6.7420
YIQ	118.8780, 10.8260, -31.0140

Conversions

Conversions Part 2

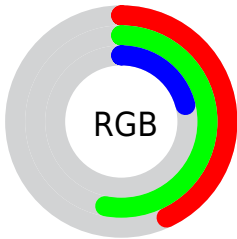
Format	Color
RYB	54, 136, 80
Decimal	7243830
CIELab	53.16, -22.58, 40.11
CIELCh	53, 46.033, 119.382
Yxy	21.1897, 0.3628, 0.4834
Android (android.graphics.Color)	4285433910 (0xFF6E8836)
YUV	118.8780, -31.9849, -7.7860
Hunter-Lab	46.0322, -18.8990, 23.5388

Details

The YUV color **118.8780, -31.9849, -7.7860** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **71.1220, 31.9849, 7.7860**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5360, -33.2952, -7.4861**, and **68.1230, -33.5846, -8.0009** is the 20% darker color. If you saturate the color by 10%, you get **116.0860, -37.5104, -8.8454**, and if you desaturate by 10%, it is **121.6700, -26.4593, -6.7266**.

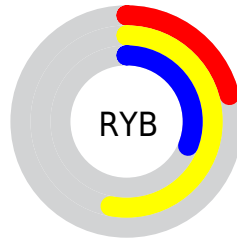
Distribution



Red (43%)

Green (53%)

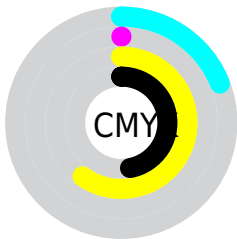
Blue (21%)



Red (21%)

Yellow (53%)

Blue (31%)

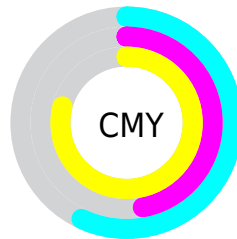


Cyan (19%)

Magenta (0%)

Yellow (60%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8780, -31.9849, -7.7860 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 118.8780, -31.9849, -7.7860 by changing the saturation by 10% instead.

■ 118.8780,
-31.9849, -7.7860

■ 118.8780,
-31.9849, -7.7860

■ 255.0000, 0.0000,
0.0000

■ 93.5790, -31.8374,
-8.4008

■ 171.5360,
-33.2952, -7.4861

■ 68.1230, -33.5846,
-8.0009

■ 199.3080,
-34.1688, -7.2861

■ 47.7450, -23.5383,
-10.3004

■ 228.0800,
-35.0424, -7.0862

■ 26.7580, -13.1917,
-15.5738

■ 245.1120,
-30.1282, 3.4098

■ 11.1530, -5.4984,
-9.7812

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 118.8780,
-31.9849, -7.7860

■ 118.8780,
-31.9849, -7.7860

■ 116.0860,
-37.5104, -8.8454

■ 121.6700,
-26.4593, -6.7266

■ 113.1090,
-42.4517, -10.6196

■ 124.6470,
-21.5180, -4.9524

■ 110.3170,
-47.9773, -11.6790

■ 127.4390,
-15.9924, -3.8930

■ 107.6390,
-53.0660, -12.8384

■ 130.1170,
-10.9037, -2.7336

■ 133.2080, -5.5255,
-1.0594

■ 136.0000, 0.0000,
0.0000

■ 138.6780, 5.0887,
1.1594

■ 141.4700, 10.6143,
2.2188

■ 144.4470, 15.5556,
3.9930

Harmonies

Analogous

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



123.1270, -39.5026, 23.5676



118.8780, -31.9849, -7.7860



110.3750, -12.5099, -47.6869

Triad

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



118.8780, -31.9849, -7.7860



104.8830, 43.9347, -91.9824



127.9120, 0.5364, 61.4672

Complementary

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



118.8780, -31.9849, -7.7860



71.1220, 31.9849, 7.7860

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.



130.7640, 18.3573, 38.7950



118.8780, -31.9849, -7.7860



111.1450, 46.7635, -65.9022

Square

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



118.8780, -31.9849, -7.7860



104.5120, 29.8206, -91.6570



128.9960, 33.0330, -1.7505



125.8140, -17.6563, 63.3071

Rectangle

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



118.8780, -31.9849, -7.7860



98.3560, 6.2335, -86.2582



128.9960, 33.0330, -1.7505



128.8880, 6.9572, 55.3492

Sweetspot

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



118.8780, -31.9849, -7.7860



169.3620, -12.5035, -2.9485



93.7800, -19.6115, 37.0269



85.0400, -7.4147, -1.7891



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.8780, -31.9849, -7.7860



149.5620, -49.5771, -11.8939



106.6190, -25.9412, -32.9919



67.6040, -2.7628, -0.5297



105.2800, -51.9030, -12.5236



3.8320, -1.8892, -0.7297

Inverse Universe

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



71.1220, 31.9849, 7.7860



75.4380, 49.5771, 11.8939



83.3810, 25.9412, 32.9919



63.3960, 2.7628, 0.5297



27.7200, 51.9030, 12.5236



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 118.8780, -31.9849, -7.7860 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 118.8780, -31.9849, -7.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

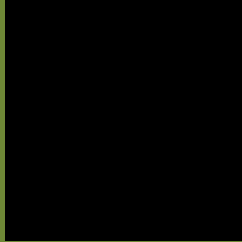
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8780, -31.9849, -7.7860

Background



This preview shows how black text looks on a background with the YUV color 118.8780, -31.9849, -7.7860.



This preview shows how white text looks on a background with the YUV color 118.8780, -31.9849, -7.7860.

-7.7860.

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

118.8780, -31.9849, -7.7860

Protanopia

122.5220, -35.2603, 16.2052

Deuteranopia

124.6960, -32.3881, 28.3306



Tritanopia

126.7480, 5.5472, -5.9180

Trichromacy



Original Color

118.8780, -31.9849, -7.7860

Protanomaly

121.1080, -34.0702, 7.7983

Deuteranomaly

122.3200, -32.2028, 15.5054

Tritanomaly

123.7790, -8.2720, -6.8222

Monochromacy



Original Color

118.8780, -31.9849, -7.7860

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8890, -11.7773, -2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8780, -31.9849, -7.7860 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(110, 136, 54)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 54)  
}
```

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(110, 136, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 54) }
```

Border

The CSS property to change the border of an element to YUV 118.8780, -31.9849, -7.7860 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(110, 136, 54) }
```


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

```
.border{ border-color:rgb(110, 136, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 54);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 118.8780, -31.9849, -7.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 54) }
```

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

```
.background{ background-color: rgb(110,  
136, 54) }
```

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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