

Converting Colors

YUV(120.9230, -33.4860,
7.0835)

Have a look what the booklet for
YUV(120.9230, -33.4860, 7.0835)
contains.

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Color

**YUV(120.9230, -33.4860,
7.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	818235
RGB	129, 130, 53
RGB Percent	51%, 51%, 21%
CMY	0.4941, 0.4902, 0.7922
CMYK	0.01, 0.00, 0.59, 0.49
HSL	61°, 42%, 36%
HSV	61°, 59%, 51%
XYZ	17.6785, 20.8894, 6.4685
YIQ	120.9230, 24.1210, -24.1590

Conversions

Conversions Part 2

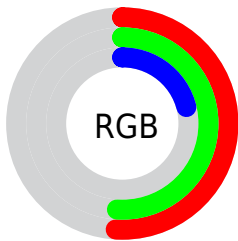
Format	Color
RYB	53, 130, 54
Decimal	8487477
CIELab	52.83, -11.26, 40.63
CIELCh	53, 42.162, 105.492
Yxy	20.8894, 0.3925, 0.4638
Android (android.graphics.Color)	4286677557 (0xFF818235)
YUV	120.9230, -33.4860, 7.0835
Hunter-Lab	45.7050, -10.9406, 23.6024

Details

The YUV color **120.9230, -33.4860, 7.0835** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **62.0770, 33.4860, -7.0835**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1790, -35.0912, 8.6130**, and **70.5700, -34.7910, 5.6391** is the 20% darker color. If you saturate the color by 10%, you get **119.4410, -39.1644, 8.3832**, and if you desaturate by 10%, it is **122.4050, -27.8077, 5.7838**.

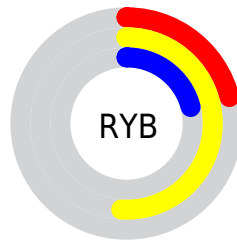
Distribution



Red (51%)

Green (51%)

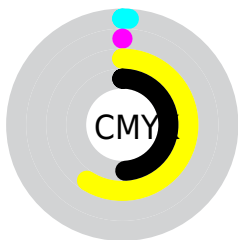
Blue (21%)



Red (21%)

Yellow (51%)

Blue (21%)

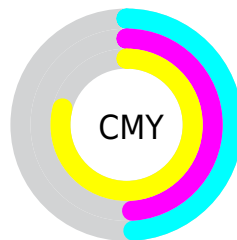


Cyan (1%)

Magenta (0%)

Yellow (59%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9230, -33.4860, 7.0835 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 120.9230, -33.4860, 7.0835 by changing the saturation by 10% instead.

■ 120.9230,
-33.4860, 7.0835

■ 120.9230,
-33.4860, 7.0835

■ 255.0000, 0.0000,
0.0000

■ 95.6240, -33.3386,
6.4688

■ 174.1790,
-35.0912, 8.6130

■ 70.5700, -34.7910,
5.6391

■ 201.3640,
-35.6755, 9.3278

■ 49.8930, -24.5972,
2.7248

■ 230.0220,
-36.9858, 9.6277

■ 30.3900, -14.9823,
-1.2190

■ 246.7920,
-31.4495, 7.1984

■ 9.9790, -4.9196,
-8.7516

■ 249.9840,
-19.2191, 4.3990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 120.9230,
-33.4860, 7.0835

■ 120.9230,
-33.4860, 7.0835

■ 119.4410,
-39.1644, 8.3832

■ 122.4050,
-27.8077, 5.7838

■ 117.9590,
-44.8428, 9.6830

■ 123.8870,
-22.1293, 4.4841

■ 116.1780,
-50.3738, 10.3679

■ 125.6680,
-16.5983, 3.7992

■ 114.6960,
-56.0521, 11.6676

■ 127.1500,
-10.9200, 2.4994

■ 114.5820,
-56.4889, 11.7676

■ 128.6320, -5.2416,
1.1997

■ 130.1140, 0.4368,
-0.1000

■ 131.5960, 6.1152,
-1.3997

■ 133.0780, 11.7935,
-2.6994

■ 134.8590, 17.3245,
-3.3843

Harmonies

Analogous

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



123.9740, -34.0042, 33.3488



120.9230, -33.4860, 7.0835



116.2270, -21.3109, -24.7551

Triad

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



120.9230, -33.4860, 7.0835



103.5320, 36.2197, -90.7976



128.4850, 8.1419, 48.6867

Complementary

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



120.9230, -33.4860, 7.0835



62.0770, 33.4860, -7.0835

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.



129.9080, 23.2164, 20.2517



120.9230, -33.4860, 7.0835



101.5890, 46.5446, -89.0936

Square

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



120.9230, -33.4860, 7.0835



100.9440, 21.2266, -88.5279



124.1460, 35.4240, -22.0530



126.7840, -8.7675, 58.9484

Rectangle

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



120.9230, -33.4860, 7.0835



109.4330, -7.1155, -51.2457



124.1460, 35.4240, -22.0530



129.8090, 13.4052, 40.5095

Sweetspot

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



120.9230, -33.4860, 7.0835



164.5800, -13.1039, 2.9993



76.0230, -11.3503, 47.3378



81.9480, -7.8624, 1.7996



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



120.9230, -33.4860, 7.0835



154.1350, -51.8316, 11.2826



109.8600, -28.0320, -15.6632



63.2020, -3.0576, 0.6998



112.8100, -55.6153, 11.5676



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.0770, 33.4860, -7.0835



62.8650, 51.8316, -11.2826



73.4390, 27.8846, 16.2780



57.7980, 3.0576, -0.6998



15.1900, 55.6153, -11.5676



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.9230, -33.4860, 7.0835 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 120.9230, -33.4860, 7.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

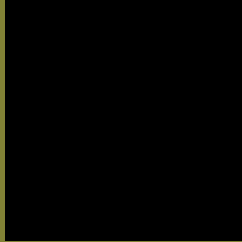
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9230, -33.4860, 7.0835

Background



This preview shows how black text looks on a background with the YUV color 120.9230, -33.4860, 7.0835.



This preview shows how white text looks on a background with the YUV color 120.9230, -33.4860, 7.0835.

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

120.9230, -33.4860, 7.0835

Protanopia

121.7500, -34.3867, 16.0053

Deuteranopia

123.4680, -33.2617, 28.5306



Tritanopia

127.6250, 2.1569, 8.2219

Trichromacy



Original Color

120.9230, -33.4860, 7.0835

Protanomaly

121.1410, -34.0865, 13.0313

Deuteranomaly

122.7120, -33.3820, 20.4236

Tritanomaly

125.1830, -10.9362, 7.7325

Monochromacy



Original Color

120.9230, -33.4860, 7.0835

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8080, -12.2303, 2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9230, -33.4860, 7.0835 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(129, 130, 53)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 53)  
}
```

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(129, 130, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 53) }
```

Border

The CSS property to change the border of an element to YUV 120.9230, -33.4860, 7.0835 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(129, 130, 53) }
```


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

```
.border{ border-color:rgb(129, 130, 53) }
```

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

Here you see how a box with a 4 pixel rgb(129, 130, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 120.9230, -33.4860, 7.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 53) }
```

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

```
.background{ background-color: rgb(129,  
130, 53) }
```

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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