

# Converting Colors

YUV(88.2130, 6.7970, -33.5128)

Have a look what the booklet for  
YUV(88.2130, 6.7970, -33.5128)  
contains.

<b>YUV(88.2130, 6.7970, -33.5128)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(88.2130, 6.7970,  
-33.5128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	326966
RGB	50, 105, 102
RGB Percent	20%, 41%, 40%
CMY	0.8039, 0.5882, 0.6000
CMYK	0.52, 0.00, 0.03, 0.59
HSL	177°, 35%, 30%
HSV	177°, 52%, 41%
XYZ	8.7652, 11.7406, 14.3746
YIQ	88.2130, -31.8170, -12.5930

# Conversions

## Conversions Part 2

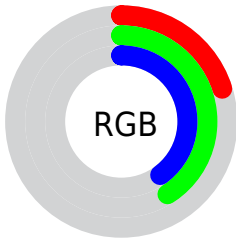
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 78, 105
Decimal	3303782
CIELab	40.80, -18.93, -3.91
CIElCh	41, 19.332, 191.654
Yxy	11.7406, 0.2513, 0.3366
Android (android.graphics.Color)	4281493862 (0xFF326966)
YUV	88.2130, 6.7970, -33.5128
Hunter-Lab	34.2645, -14.3006, -0.8880

# Details

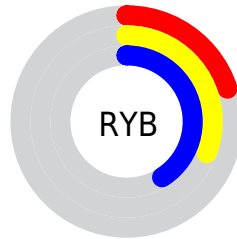
The YUV color **88.2130, 6.7970, -33.5128** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.7870, -6.7970, 33.5128**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2130, 6.7970, -33.5128**, and **39.7290, 7.5286, -34.8423** is the 20% darker color. If you saturate the color by 10%, you get **84.8100, 7.9817, -40.1754**, and if you desaturate by 10%, it is **91.3170, 5.7597, -27.4650**.

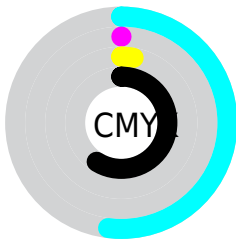
# Distribution



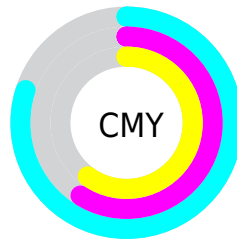
- Red (20%)
- Green (41%)
- Blue (40%)



- Red (20%)
- Yellow (31%)
- Blue (41%)



- Cyan (52%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (80%)
- Magenta (59%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.2130, 6.7970, -33.5128 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 88.2130, 6.7970, -33.5128 by changing the saturation by 10% instead.



88.2130, 6.7970,  
-33.5128

88.2130, 6.7970,  
-33.5128

255.0000, 0.0000,  
0.0000

63.3160, 7.2392,  
-35.3571

139.2130, 6.7970,  
-33.5128

39.7290, 7.5286,  
-34.8423

166.2130, 6.7970,  
-33.5128

25.0080, 4.4331,  
-21.9320

193.8000, 6.5076,  
-34.0276

4.8900, 3.5052,  
-4.2885

222.0880, 6.3656,  
-35.1572

0.0000, 0.0000,  
0.0000

241.5450, 6.6333,  
-27.6650

250.2160, 2.3585,

-9.8364

■ 88.2130, 6.7970,  
-33.5128

■ 88.2130, 6.7970,  
-33.5128

■ 84.8100, 7.9817,  
-40.1754

■ 91.3170, 5.7597,  
-27.4650

■ 81.8200, 9.4557,  
-46.3231

■ 94.6060, 4.1382,  
-20.7025

■ 78.7160, 10.4930,  
-52.3709

■ 97.7100, 3.1010,  
-14.6547

■ 75.4270, 12.1145,  
-59.1335

■ 100.9990, 1.4795,  
-7.8921

■ 72.9210, 12.8569,  
-63.9517

■ 104.1030, 0.4422,  
-1.8443

■ 107.3920, -1.1793,  
4.9182

■ 110.4960, -2.2165,  
10.9660

■ 113.8990, -3.4012,  
17.6286

■ 117.1880, -5.0227,  
24.3911

# Harmonies

## Analogous

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



90.2870, -2.1135, -22.1767



88.2130, 6.7970, -33.5128



88.4390, 14.0806, -36.3420

# Triad

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



88.2130, 6.7970, -33.5128



98.2040, 10.7454, 6.8371



96.2120, -14.8945, 17.3541

# Complementary

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



88.2130, 6.7970, -33.5128



66.7870, -6.7970, 33.5128

# 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.



97.4070, -10.5537, 25.0761



88.2130, 6.7970, -33.5128



98.8590, 4.0135, 19.4177

# Square

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



88.2130, 6.7970, -33.5128



96.2450, 15.1622, -9.8619



97.8400, -3.8651, 26.4503



94.5480, -14.5672, 5.6584



# Rectangle

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



88.2130, 6.7970, -33.5128



90.7540, 16.3903, -30.4793



97.8400, -3.8651, 26.4503



96.5760, -13.5950, 20.5428

# Sweetspot

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



88.2130, 6.7970, -33.5128



131.1940, 2.3694, -13.3251



83.4810, -16.5061, -25.8548



64.9990, 1.4795, -7.8921



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



88.2130, 6.7970, -33.5128



111.4170, 10.6404, -52.9857



74.4670, 15.0528, -21.4576



52.0920, 0.4476, -3.5887



81.3330, 14.6258, -71.3290



170.1490, 29.9995, -149.2207



# Inverse Universe

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



66.7870, -6.7970, 33.5128



77.5830, -10.6404, 52.9857



80.5330, -15.0528, 21.4576



49.7940, -0.8844, 3.6887



35.6670, -14.6258, 71.3290

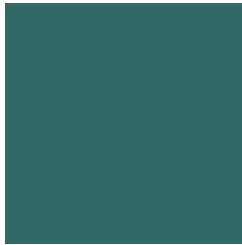


74.7370, -30.4363, 149.3207



# Previews

## White Background



This preview shows how the YUV color 88.2130, 6.7970, -33.5128 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 × Fail



# Black Background



This preview shows how the YUV color 88.2130, 6.7970, -33.5128 looks on a black 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

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

# YUV 88.2130, 6.7970, -33.5128

## Background



This preview shows how black text looks on a background with the YUV color 88.2130, 6.7970, -33.5128.



This preview shows how white text looks on a background with the YUV color 88.2130, 6.7970,

-33.5128.

# 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

88.2130, 6.7970, -33.5128

### Protanopia

95.7120, 0.1420, 1.1296

### Deuteranopia

96.7600, 4.0623, 3.7185



## Tritanopia

89.6630, 11.0121, -32.1535

# Trichromacy



## Original Color

88.2130, 6.7970, -33.5128

## Protanomaly

93.2050, 2.3639, -11.5808

## Deuteranomaly

93.3130, 5.2687, -9.9215

## Tritanomaly

88.9080, 9.4124, -32.3683

# Monochromacy



## Original Color

88.2130, 6.7970, -33.5128

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

87.9060, 2.5113, -12.1956

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.2130, 6.7970, -33.5128 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(50, 105, 102)` looks like.

```
.text, #text, p{  
    color:rgb(50, 105, 102)  
}
```

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(50, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 105, 102) }
```

## Border

The CSS property to change the border of an element to YUV 88.2130, 6.7970, -33.5128 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(50, 105, 102) }
```



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

```
.border{ border-color:rgb(50, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(50, 105,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 88.2130, 6.7970, -33.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 105, 102) }
```

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

```
.background{ background-color: rgb(50, 105,  
102) }
```

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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