

# Converting Colors

YUV(88.3110, -18.8873,  
-55.5237)

Have a look what the booklet for  
YUV(88.3110, -18.8873, -55.5237)  
contains.

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# Color

**YUV(88.3110, -18.8873,  
-55.5237)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	198032
RGB	25, 128, 50
RGB Percent	10%, 50%, 20%
CMY	0.9020, 0.4980, 0.8039
CMYK	0.80, 0.00, 0.61, 0.50
HSL	135°, 67%, 30%
HSV	135°, 80%, 50%
XYZ	8.6958, 15.8753, 5.6235
YIQ	88.3110, -36.3500, -46.0940

# Conversions

## Conversions Part 2

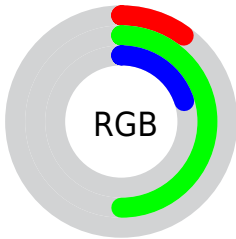
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 108, 128
Decimal	1671218
CIE <sub>Lab</sub>	46.81, -45.44, 33.81
CIE <sub>LCh</sub>	47, 56.636, 143.343
Yxy	15.8753, 0.2880, 0.5258
Android (android.graphics.Color)	4279861298 (0xFF198032)
YUV	88.3110, -18.8873, -55.5237
Hunter-Lab	39.8438, -30.7696, 19.5225

# Details

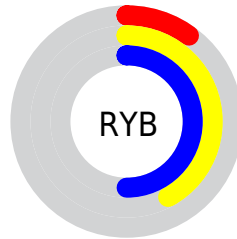
The YUV color **88.3110, -18.8873, -55.5237** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **64.6890, 18.8873, 55.5237**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4320, -22.3980, -49.4909**, and **45.1990, -22.2831, -39.6395** is the 20% darker color. If you saturate the color by 10%, you get **83.2840, -21.3390, -62.5161**, and if you desaturate by 10%, it is **93.3380, -16.4356, -48.5314**.

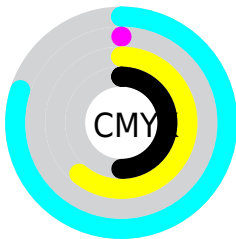
# Distribution



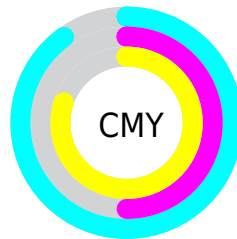
- Red (10%)
- Green (50%)
- Blue (20%)



- Red (10%)
- Yellow (42%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (50%)




- Cyan (90%)
- Magenta (50%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 88.3110, -18.8873, -55.5237 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 88.3110, -18.8873, -55.5237 by changing the saturation by 10% instead.




 88.3110, -18.8873,  
-55.5237


 88.3110, -18.8873,  
-55.5237


255.0000, 0.0000,  
0.0000


 62.8380, -18.1611,  
-55.1089


 144.4320,  
-22.3980, -49.4909


 45.1990, -22.2831,  
-39.6395

 172.2040,  
-23.2716, -49.2909


 31.1110, -15.3377,  
-27.2843

 200.5630,  
-24.4346, -49.6058

 18.7840, -9.2605,  
-16.4736

 221.7040,  
-21.5461, -42.7134

 0.0000, 0.0000,  
0.0000

 233.2680,  
-13.4431, -28.2990

 245.4300, -5.6350,

-12.6551

■ 88.3110, -18.8873,  
-55.5237

■ 88.3110, -18.8873,  
-55.5237

■ 83.2840, -21.3390,  
-62.5161

■ 93.3380, -16.4356,  
-48.5314

■ 78.6700, -23.5013,  
-68.9936

■ 98.2510, -14.4207,  
-41.4391

■ 102.9790,  
-11.8216, -35.0616

■ 108.0060, -9.3700,  
-28.0693

■ 112.9190, -7.3551,  
-20.9770

■ 117.9460, -4.9034,  
-13.9846

■ 122.9730, -2.4517,  
-6.9923

■ 127.7010, 0.1474,  
-0.6148

■ 132.6140, 2.1623,  
6.4775

# Harmonies

## Analogous

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



99.1550, -48.8834, -1.0129



88.3110, -18.8873, -55.5237



88.6560, 4.6066, -77.7513

# Triad

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



88.3110, -18.8873, -55.5237



93.9240, 55.2535, -82.3713



105.4120, -14.5001, 77.6917

# Complementary

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



88.3110, -18.8873, -55.5237



64.6890, 18.8873, 55.5237

# 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.



107.3400, 8.2134, 72.4928



88.3110, -18.8873, -55.5237



109.4590, 44.1437, -18.8195

# Square

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



88.3110, -18.8873, -55.5237



97.0410, 44.3498, -85.1050



113.3540, 26.9405, 39.1545



106.2810, -36.1275, 61.1436



# Rectangle

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



88.3110, -18.8873, -55.5237



93.1190, 19.1683, -81.6654



113.3540, 26.9405, 39.1545



105.4860, -6.6486, 79.3808

# Sweetspot

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



88.3110, -18.8873, -55.5237



150.6200, -7.2077, -21.5917



109.0820, -41.4524, -4.4569



74.7720, -4.3246, -12.9550



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.



88.3110, -18.8873, -55.5237



103.9530, -29.5568, -86.7818



94.1250, 3.3894, -60.6226



61.3370, -1.1521, -3.8035



78.6700, -23.5013, -68.9936



0.0000, 0.0000, 0.0000



# Inverse Universe

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



64.6890, 18.8873, 55.5237



67.0470, 29.5568, 86.7818



58.8750, -3.3894, 60.6226



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 88.3110, -18.8873, -55.5237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

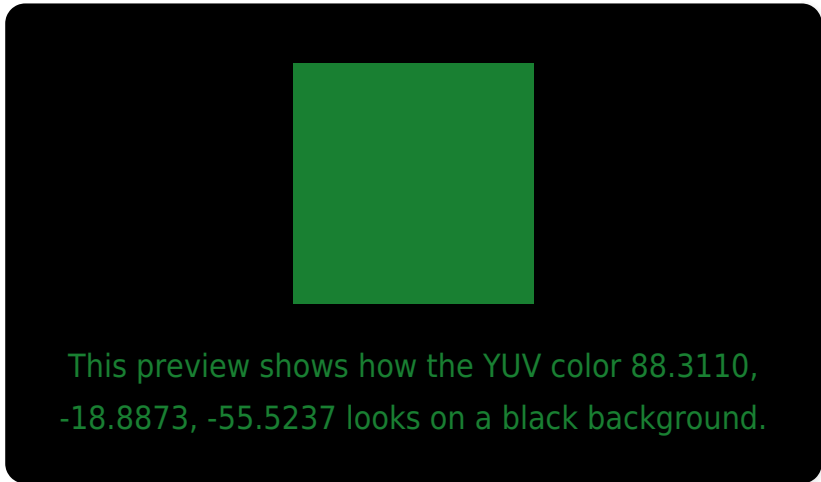
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## 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 88.3110, -18.8873, -55.5237

## Background



This preview shows how black text looks on a background with the YUV color 88.3110, -18.8873, -55.5237.



This preview shows how white text looks on a background with the YUV color 88.3110, -18.8873, -55.5237.

-55.5237.

# 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

88.3110, -18.8873, -55.5237

### Protanopia

107.0640, -30.5976, 13.9759

### Deuteranopia

108.7970, -25.5359, 23.8570



## Tritanopia

102.0040, 13.8020, -40.3455

# Trichromacy



## Original Color

88.3110, -18.8873, -55.5237

## Protanomaly

100.0500, -26.1537, -11.4449

## Deuteranomaly

101.1910, -23.2652, -4.5525

## Tritanomaly

97.1700, 1.8882, -45.7531

# Monochromacy



## Original Color

88.3110, -18.8873, -55.5237

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

88.3320, -7.0657, -20.4622

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.3110, -18.8873, -55.5237 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(25, 128, 50)` looks like.

```
.text, #text, p{  
    color:rgb(25, 128, 50)  
}
```

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(25, 128, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 128, 50) }
```

## Border

The CSS property to change the border of an element to YUV 88.3110, -18.8873, -55.5237 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(25, 128, 50) }
```



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

```
.border{ border-color:rgb(25, 128, 50) }
```

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

Here you see how a box with a 4 pixel rgb(25, 128, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 128, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 128, 50);  
box-shadow:4px 4px 4px 4px rgb(25, 128,  
50) }
```

# Background

The CSS property to change the background color of an element to YUV 88.3110, -18.8873, -55.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 128, 50) }
```

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

```
.background{ background-color: rgb(25, 128,  
50) }
```

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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