

Converting Colors

YUV(87.0960, -15.8233,
-11.4852)

Have a look what the booklet for
YUV(87.0960, -15.8233, -11.4852)
contains.

YUV(87.0960, -15.8233, -11.4852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.0960, -15.8233,
-11.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6437
RGB	74, 100, 55
RGB Percent	29%, 39%, 22%
CMY	0.7098, 0.6078, 0.7843
CMYK	0.26, 0.00, 0.45, 0.61
HSL	95°, 29%, 30%
HSV	95°, 45%, 39%
XYZ	8.0708, 10.8460, 5.2825
YIQ	87.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

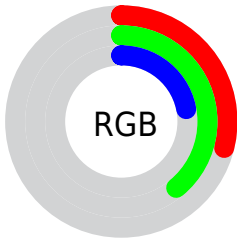
Format	Color
RYB	55, 100, 81
Decimal	4875319
CIELab	39.32, -18.68, 22.43
CIELCh	39, 29.194, 129.783
Yxy	10.8460, 0.3335, 0.4482
Android (android.graphics.Color)	4283065399 (0xFF4A6437)
YUV	87.0960, -15.8233, -11.4852
Hunter-Lab	32.9333, -13.8892, 13.5431

Details

The YUV color **87.0960, -15.8233, -11.4852** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.9040, 15.8233, 11.4852**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4550, -16.9863, -11.8000**, and **40.7370, -14.6603, -11.1703** is the 20% darker color. If you saturate the color by 10%, you get **84.1620, -19.3069, -14.1741**, and if you desaturate by 10%, it is **90.0300, -12.3398, -8.7963**.

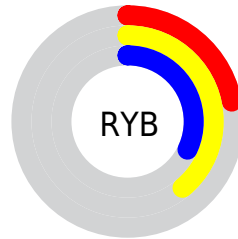
Distribution



Red (29%)

Green (39%)

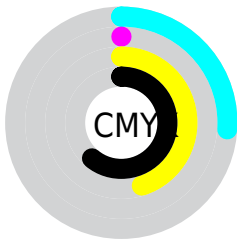
Blue (22%)



Red (22%)

Yellow (39%)

Blue (32%)

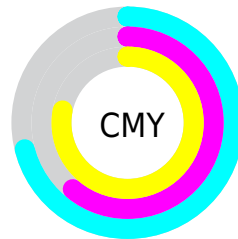


Cyan (26%)

Magenta (0%)

Yellow (45%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0960, -15.8233, -11.4852 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 87.0960, -15.8233, -11.4852 by changing the saturation by 10% instead.

87.0960, -15.8233,
-11.4852

87.0960, -15.8233,
-11.4852

255.0000, 0.0000,
0.0000

63.3240, -14.9497,
-11.6851

137.4550,
-16.9863, -11.8000

40.7370, -14.6603,
-11.1703

163.9280,
-17.7125, -12.2149

19.6810, -9.7027,
-14.6292

190.8140,
-18.1493, -12.1149

0.0000, 0.0000,
0.0000

219.2870,
-18.8755, -12.5297

243.1780,
-16.8498, -8.9261

252.9480, -7.8624,

1.7996

■ 87.0960, -15.8233,
-11.4852

■ 87.0960, -15.8233,
-11.4852

■ 84.1620, -19.3069,
-14.1741

■ 90.0300, -12.3398,
-8.7963

■ 81.2280, -22.7904,
-16.8630

■ 92.9640, -8.8563,
-6.1074

■ 78.5930, -26.4213,
-18.9371

■ 95.5990, -5.2253,
-4.0333

■ 75.6590, -29.9049,
-21.6259

■ 98.5330, -1.7418,
-1.3444

■ 72.7250, -33.3884,
-24.3148

■ 101.4670, 1.7418,
1.3444

■ 71.2580, -35.1302,
-25.6593

■ 104.4010, 5.2253,
4.0333

■ 107.0360, 8.8563,
6.1074

■ 109.9700, 12.3398,
8.7963

■ 112.9040, 15.8233,
11.4852

Harmonies

Analogous

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



90.2080, -22.2875, 8.5876



87.0960, -15.8233, -11.4852



82.1560, -3.5279, -35.2168

Triad

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



87.0960, -15.8233, -11.4852



75.5140, 30.3126, -62.7178



93.9170, -3.9031, 38.6608

Complementary

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



87.0960, -15.8233, -11.4852



67.9040, 15.8233, 11.4852

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.



95.4240, 7.1860, 28.5692



87.0960, -15.8233, -11.4852



90.4810, 23.9199, -18.8388

Square

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



87.0960, -15.8233, -11.4852



74.9560, 23.1927, -65.7364



94.8220, 16.8498, 8.9261



92.4470, -14.5174, 36.4420

Rectangle

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



87.0960, -15.8233, -11.4852



72.4220, 9.6520, -62.6371



94.8220, 16.8498, 8.9261



94.2310, -0.1139, 36.6314

Sweetspot

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



87.0960, -15.8233, -11.4852



124.9580, -6.3883, -4.3482



83.7170, -14.1575, 14.2802



62.9520, -3.9203, -2.5889



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



87.0960, -15.8233, -11.4852



109.7610, -24.5322, -18.2074



81.7570, -11.7122, -23.4659



49.5330, -1.7418, -1.3444



81.8570, -40.3555, -29.6926



172.5520, -85.0681, -61.8741

Inverse Universe

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



67.9040, 15.8233, 11.4852



79.9400, 24.6796, 17.5926



73.2430, 11.7122, 23.4659



47.4670, 1.7418, 1.3444



32.8440, 40.5029, 29.0778



69.4480, 85.0681, 61.8741

Previews

White Background



This preview shows how the YUV color 87.0960, -15.8233, -11.4852 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 87.0960, -15.8233, -11.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

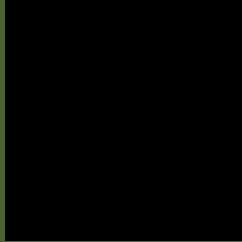
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0960, -15.8233, -11.4852

Background



This preview shows how black text looks on a background with the YUV color 87.0960, -15.8233, -11.4852.



This preview shows how white text looks on a background with the YUV color 87.0960, -15.8233, -11.4852.

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

87.0960, -15.8233, -11.4852

Protanopia

90.1310, -18.7986, 9.5321

Deuteranopia

91.7560, -16.6417, 17.7540



Tritanopia

91.6120, 5.1213, -9.3067

Trichromacy



Original Color

87.0960, -15.8233, -11.4852

Protanomaly

89.0160, -17.7559, 1.7400

Deuteranomaly

89.8040, -16.1724, 7.1879

Tritanomaly

89.9510, -2.4408, -10.4810

Monochromacy



Original Color

87.0960, -15.8233, -11.4852

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0960, -15.8233, -11.4852 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(74, 100, 55)` looks like.

```
.text, #text, p{  
    color:rgb(74, 100, 55)  
}
```

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(74, 100, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 100, 55) }
```

Border

The CSS property to change the border of an element to YUV 87.0960, -15.8233, -11.4852 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(74, 100, 55) }
```


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

```
.border{ border-color:rgb(74, 100, 55) }
```

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

Here you see how a box with a 4 pixel rgb(74, 100, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 100, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 100, 55);  
box-shadow:4px 4px 4px 4px rgb(74, 100,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 87.0960, -15.8233, -11.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 100, 55) }
```

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

```
.background{ background-color: rgb(74, 100,  
55) }
```

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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