

Converting Colors

YUV(86.3410, -17.4231,
-11.7001)

Have a look what the booklet for
YUV(86.3410, -17.4231, -11.7001)
contains.

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Color

**YUV(86.3410, -17.4231,
-11.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	496433
RGB	73, 100, 51
RGB Percent	29%, 39%, 20%
CMY	0.7137, 0.6078, 0.8000
CMYK	0.27, 0.00, 0.49, 0.61
HSL	93°, 32%, 30%
HSV	93°, 49%, 39%
XYZ	7.9024, 10.7698, 4.7943
YIQ	86.3410, -0.3630, -20.9630

Conversions

Conversions Part 2

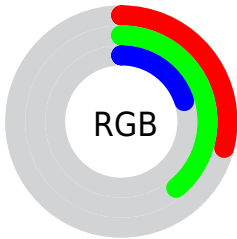
Format	Color
RYB	51, 100, 78
Decimal	4809779
CIELab	39.19, -19.66, 24.53
CIElCh	39, 31.438, 128.710
Yxy	10.7698, 0.3368, 0.4589
Android (android.graphics.Color)	4282999859 (0xFF496433)
YUV	86.3410, -17.4231, -11.7001
Hunter-Lab	32.8174, -14.4480, 14.3106

Details

The YUV color **86.3410, -17.4231, -11.7001** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64.6590, 17.4231, 11.7001**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5860, -19.0229, -11.9149**, and **39.7540, -17.1337, -11.1853** is the 20% darker color. If you saturate the color by 10%, you get **83.4070, -20.9067, -14.3889**, and if you desaturate by 10%, it is **89.2750, -13.9396, -9.0112**.

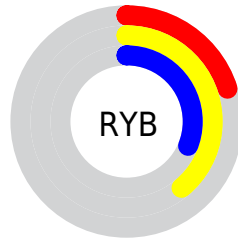
Distribution



Red (29%)

Green (39%)

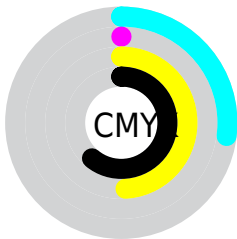
Blue (20%)



Red (20%)

Yellow (39%)

Blue (31%)

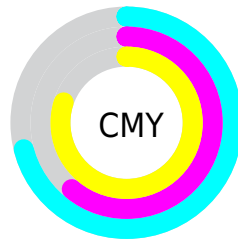


Cyan (27%)

Magenta (0%)

Yellow (49%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3410, -17.4231, -11.7001 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 86.3410, -17.4231, -11.7001 by changing the saturation by 10% instead.

■ 86.3410, -17.4231,
-11.7001

■ 86.3410, -17.4231,
-11.7001

255.0000, 0.0000,
0.0000

■ 62.5690, -16.5495,
-11.9000

■ 136.5860,
-19.0229, -11.9149

■ 39.7540, -17.1337,
-11.1853

■ 163.1730,
-19.3123, -12.4297

■ 18.7840, -9.2605,
-16.4736

■ 190.0590,
-19.7491, -12.3297

■ 0.0000, 0.0000,
0.0000

■ 218.5320,
-20.4753, -12.7446

■ 242.3090,
-18.8863, -9.0410

■ 252.3780,

-10.0464, 2.2995

■ 86.3410, -17.4231,
-11.7001

■ 86.3410, -17.4231,
-11.7001

■ 83.4070, -20.9067,
-14.3889

■ 89.2750, -13.9396,
-9.0112

■ 80.7720, -24.5376,
-16.4630

■ 91.9100, -10.3086,
-6.9371

■ 77.8380, -28.0211,
-19.1519

■ 94.8440, -6.8251,
-4.2482

■ 75.2030, -31.6521,
-21.2260

■ 97.4790, -3.1941,
-2.1741

■ 72.2690, -35.1356,
-23.9149

■ 100.4130, 0.2894,
0.5148

■ 72.1550, -35.5724,
-23.8149

■ 103.0480, 3.9203,
2.5889

■ 105.9820, 7.4039,
5.2778

■ 108.6170, 11.0348,
7.3519

■ 111.5510, 14.5184,
10.0408

Harmonies

Analogous

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



89.3500, -24.3295, 10.2171



86.3410, -17.4231, -11.7001



80.4330, -3.6645, -38.0907

Triad

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



86.3410, -17.4231, -11.7001



74.6600, 32.2126, -65.4768



93.3410, -3.6191, 40.9199

Complementary

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



86.3410, -17.4231, -11.7001



64.6590, 17.4231, 11.7001

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.



94.9620, 7.9067, 30.7283



86.3410, -17.4231, -11.7001



89.1430, 26.5515, -22.9274

Square

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



86.3410, -17.4231, -11.7001



75.1840, 24.0663, -65.9364



94.8650, 18.3076, 8.0114



92.6430, -15.1070, 38.9011

Rectangle

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



86.3410, -17.4231, -11.7001



71.8950, 8.9258, -63.0519



94.8650, 18.3076, 8.0114



93.6550, 0.1701, 38.8906

Sweetspot

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



86.3410, -17.4231, -11.7001



124.5450, -6.6777, -4.8630



81.5000, -15.0365, 16.2245



62.8380, -4.3571, -2.4889



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.



86.3410, -17.4231, -11.7001



108.6640, -27.4424, -18.1223



79.9910, -13.3066, -25.4251



49.5330, -1.7418, -1.3444



83.0530, -40.9451, -27.2335



174.6450, -86.1000, -57.5707

Inverse Universe

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



64.6590, 17.4231, 11.7001



74.6350, 27.2949, 18.7371



71.0090, 13.3066, 25.4251



47.4670, 1.7418, 1.3444



31.9470, 40.9451, 27.2335



67.3550, 86.1000, 57.5707

Previews

White Background



This preview shows how the YUV color 86.3410, -17.4231, -11.7001 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 86.3410, -17.4231, -11.7001 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 86.3410, -17.4231, -11.7001

Background



This preview shows how black text looks on a background with the YUV color 86.3410, -17.4231, -11.7001.



This preview shows how white text looks on a background with the YUV color 86.3410, -17.4231, -11.7001.

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

86.3410, -17.4231, -11.7001

Protanopia

89.9740, -20.6932, 10.5468

Deuteranopia

91.3000, -18.3889, 18.1539



Tritanopia

91.0250, 5.4107, -8.7919

Trichromacy



Original Color

86.3410, -17.4231, -11.7001

Protanomaly

88.5600, -19.5031, 2.1399

Deuteranomaly

89.3480, -17.9196, 7.5878

Tritanomaly

89.1360, -3.0250, -9.7663

Monochromacy



Original Color

86.3410, -17.4231, -11.7001

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3410, -17.4231, -11.7001 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(73, 100, 51)` looks like.

```
.text, #text, p{  
    color:rgb(73, 100, 51)  
}
```

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(73, 100, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 100, 51) }
```

Border

The CSS property to change the border of an element to YUV 86.3410, -17.4231, -11.7001 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(73, 100, 51) }
```


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

```
.border{ border-color:rgb(73, 100, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 100, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 100, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 100, 51);  
box-shadow:4px 4px 4px 4px rgb(73, 100,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 86.3410, -17.4231, -11.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 100, 51) }
```

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

```
.background{ background-color: rgb(73, 100,  
51) }
```

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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