

Converting Colors

YUV(83.3510, -15.9490,
-17.8478)

Have a look what the booklet for
YUV(83.3510, -15.9490, -17.8478)
contains.

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Color

**YUV(83.3510, -15.9490,
-17.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6433
RGB	63, 100, 51
RGB Percent	25%, 39%, 20%
CMY	0.7529, 0.6078, 0.8000
CMYK	0.37, 0.00, 0.49, 0.61
HSL	105°, 32%, 30%
HSV	105°, 49%, 39%
XYZ	7.2046, 10.4101, 4.7616
YIQ	83.3510, -6.3230, -23.0830

Conversions

Conversions Part 2

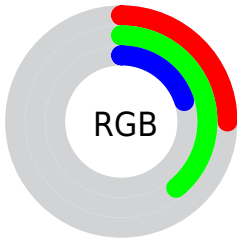
Format	Color
RYB	51, 100, 88
Decimal	4154419
CIELab	38.57, -23.60, 23.62
CIELCh	39, 33.393, 134.979
Yxy	10.4101, 0.3220, 0.4652
Android (android.graphics.Color)	4282344499 (0xFF3F6433)
YUV	83.3510, -15.9490, -17.8478
Hunter-Lab	32.2647, -16.6048, 13.8353

Details

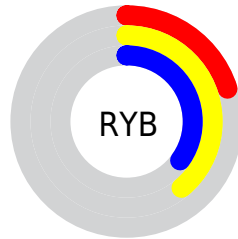
The YUV color **83.3510, -15.9490, -17.8478** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.6490, 15.9490, 17.8478**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5960, -17.5488, -18.0627**, and **36.4650, -15.5122, -17.9478** is the 20% darker color. If you saturate the color by 10%, you get **79.8190, -19.1378, -21.7663**, and if you desaturate by 10%, it is **86.8830, -12.7603, -13.9294**.

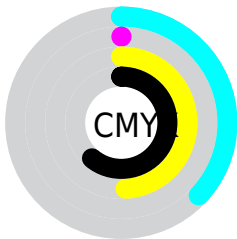
Distribution



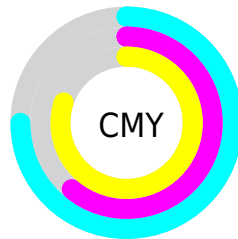
- Red (25%)
- Green (39%)
- Blue (20%)



- Red (20%)
- Yellow (39%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (49%)
- Black (61%)



- Cyan (75%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3510, -15.9490, -17.8478 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 83.3510, -15.9490, -17.8478 by changing the saturation by 10% instead.

■ 83.3510, -15.9490,
-17.8478

■ 83.3510, -15.9490,
-17.8478

255.0000, 0.0000,
0.0000

■ 59.5790, -15.0754,
-18.0478

■ 133.5960,
-17.5488, -18.0627

■ 36.4650, -15.5122,
-17.9478

■ 160.1830,
-17.8382, -18.5775

■ 18.7840, -9.2605,
-16.4736

■ 187.3570,
-18.4170, -19.6071

■ 0.0000, 0.0000,
0.0000

■ 215.1290,
-19.2906, -19.4071

■ 239.0200,
-17.2649, -15.8035

■ 250.8830, -9.3093,

-0.7744

■ 83.3510, -15.9490,
-17.8478

■ 83.3510, -15.9490,
-17.8478

■ 79.8190, -19.1378,
-21.7663

■ 86.8830, -12.7603,
-13.9294

■ 76.5860, -22.4739,
-25.0699

■ 90.1160, -9.4242,
-10.6257

■ 73.0540, -25.6626,
-28.9884

■ 93.6480, -6.2355,
-6.7073

■ 69.8210, -28.9988,
-32.2920

■ 96.8810, -2.8993,
-3.4036

■ 66.2890, -32.1875,
-36.2105

■ 100.4130, 0.2894,
0.5148

■ 65.8760, -32.4769,
-36.7253

■ 103.6460, 3.6255,
3.8185

■ 107.1780, 6.8142,
7.7369

■ 110.4110, 10.1504,
11.0406

■ 113.9430, 13.3391,
14.9590

Harmonies

Analogous

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



87.0890, -25.1869, 5.1839



83.3510, -15.9490, -17.8478



73.3000, 1.3311, -53.7601

Triad

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



83.3510, -15.9490, -17.8478



73.8280, 34.1018, -64.7472



91.2660, -6.5401, 44.4937

Complementary

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



83.3510, -15.9490, -17.8478



67.6490, 15.9490, 17.8478

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.



93.2400, 6.2907, 35.7465



83.3510, -15.9490, -17.8478



89.1760, 26.5352, -17.6944

Square

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



83.3510, -15.9490, -17.8478



75.0530, 26.1029, -65.8215



93.3820, 17.5597, 14.5740



90.5460, -18.0172, 38.9862

Rectangle

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



83.3510, -15.9490, -17.8478



71.8780, 11.3991, -63.0370



93.3820, 17.5597, 14.5740



91.9930, -2.4615, 42.9791

Sweetspot

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



83.3510, -15.9490, -17.8478



123.3490, -6.0881, -7.3221



87.3700, -17.9304, 11.0765



61.9410, -3.9149, -4.3333



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.



83.3510, -15.9490, -17.8478



103.8800, -25.0838, -27.9588



81.1310, -8.9386, -26.4249



49.2340, -1.5944, -1.9592



75.8770, -37.4074, -41.9881



159.6950, -78.7296, -88.3095

Inverse Universe

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



67.6490, 15.9490, 17.8478



79.1200, 25.0838, 27.9588



69.8690, 8.9386, 26.4249



47.7660, 1.5944, 1.9592



39.1230, 37.4074, 41.9881



82.3050, 78.7296, 88.3095

Previews

White Background



This preview shows how the YUV color 83.3510, -15.9490, -17.8478 looks on a white background.

Color Contrast Check

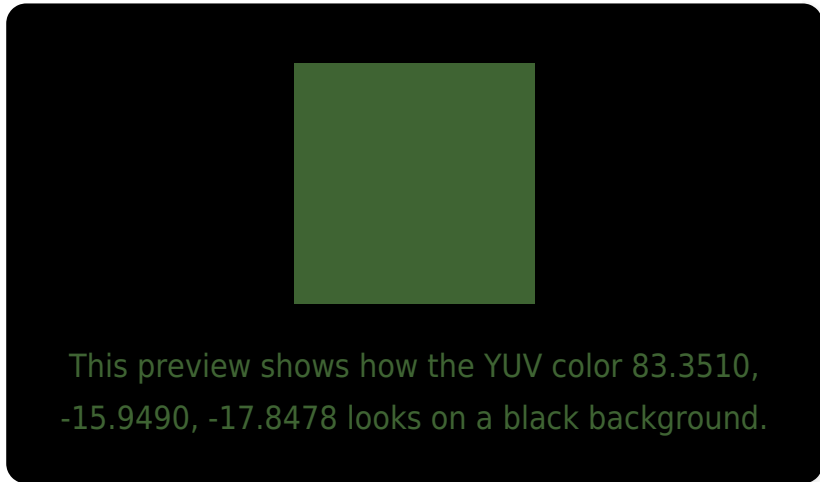
Large Text (above 18pt) WCAG AA ✓ Pass

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

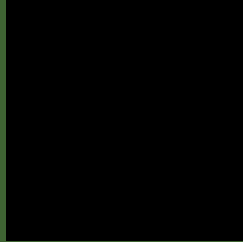
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3510, -15.9490, -17.8478

Background



This preview shows how black text looks on a background with the YUV color 83.3510, -15.9490, -17.8478.



This preview shows how white text looks on a background with the YUV color 83.3510, -15.9490,

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

83.3510, -15.9490, -17.8478

Protanopia

88.7890, -20.1090, 9.8320

Deuteranopia

89.5280, -17.5153, 17.9539



Tritanopia

88.3340, 6.7373, -14.3249

Trichromacy



Original Color

83.3510, -15.9490, -17.8478

Protanomaly

86.7770, -18.6241, 0.1956

Deuteranomaly

87.2660, -16.8931, 5.0287

Tritanomaly

86.4450, -1.6984, -15.2993

Monochromacy



Original Color

83.3510, -15.9490, -17.8478

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3510, -15.9490, -17.8478 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(63, 100, 51)` looks like.

```
.text, #text, p{  
    color:rgb(63, 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(63, 100, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 100, 51) }
```

Border

The CSS property to change the border of an element to YUV 83.3510, -15.9490, -17.8478 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(63, 100, 51) }
```


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

```
.border{ border-color:rgb(63, 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(63, 100, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 100, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 100, 51);  
box-shadow:4px 4px 4px 4px rgb(63, 100,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 83.3510, -15.9490, -17.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 100, 51) }
```

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

```
.background{ background-color: rgb(63, 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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