

Converting Colors

YUV(85.5990, -15.5783,
-43.4983)

Have a look what the booklet for
YUV(85.5990, -15.5783, -43.4983)
contains.

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Color

**YUV(85.5990, -15.5783,
-43.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	247536
RGB	36, 117, 54
RGB Percent	14%, 46%, 21%
CMY	0.8588, 0.5412, 0.7882
CMYK	0.69, 0.00, 0.54, 0.54
HSL	133°, 53%, 30%
HSV	133°, 69%, 46%
XYZ	7.7547, 13.3640, 5.6608
YIQ	85.5990, -28.0530, -36.7650

Conversions

Conversions Part 2

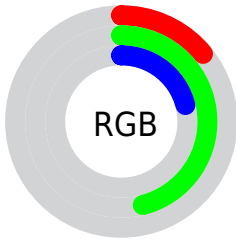
Format	Color
R_{YB}	36, 102, 117
Decimal	2389302
CIE _{Lab}	43.31, -38.77, 27.61
CIE _{LCh}	43, 47.597, 144.548
Yxy	13.3640, 0.2896, 0.4990
Android (android.graphics.Color)	4280579382 (0xFF247536)
YUV	85.5990, -15.5783, -43.4983
Hunter-Lab	36.5568, -26.1096, 16.4087

Details

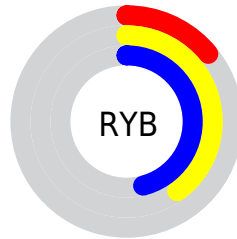
The YUV color **85.5990, -15.5783, -43.4983** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67.4010, 15.5783, 43.4983**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9260, -18.2045, -41.1541**, and **40.2410, -15.8948, -35.2914** is the 20% darker color. If you saturate the color by 10%, you get **80.9850, -17.7406, -49.9758**, and if you desaturate by 10%, it is **90.2130, -13.4160, -37.0208**.

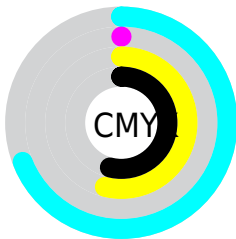
Distribution



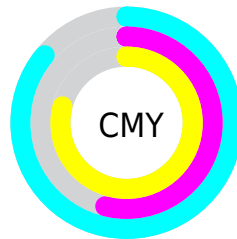
- Red (14%)
- Green (46%)
- Blue (21%)



- Red (14%)
- Yellow (40%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5990, -15.5783, -43.4983 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 85.5990, -15.5783, -43.4983 by changing the saturation by 10% instead.

■ 85.5990, -15.5783,
-43.4983

■ 85.5990, -15.5783,
-43.4983

255.0000, 0.0000,
0.0000

■ 57.5380, -13.0832,
-50.4608

■ 138.9260,
-18.2045, -41.1541

■ 40.2410, -15.8948,
-35.2914

■ 166.3990,
-18.9307, -41.5689

■ 26.4150, -13.0226,
-23.1660

■ 193.8720,
-19.6569, -41.9837

■ 11.7400, -5.7878,
-10.2960

■ 222.3450,
-20.3831, -42.3986

■ 0.0000, 0.0000,
0.0000

■ 233.9090,
-12.2801, -27.9842

■ 245.7720, -4.3246,

-12.9550

■ 85.5990, -15.5783,
-43.4983

■ 85.5990, -15.5783,
-43.4983

■ 80.9850, -17.7406,
-49.9758

■ 90.2130, -13.4160,
-37.0208

■ 76.6700, -20.0503,
-55.8386

■ 94.5280, -11.1063,
-31.1581

■ 72.0560, -22.2126,
-62.3161

■ 99.1420, -8.9440,
-24.6805

■ 71.6430, -22.5020,
-62.8309

■ 103.7560, -6.7817,
-18.2030

■ 108.4840, -4.1826,
-11.8255

■ 112.7990, -1.8729,
-5.9627

■ 117.4130, 0.2894,
0.5148

■ 122.0270, 2.4517,
6.9923

■ 126.3420, 4.7614,
12.8551

Harmonies

Analogous

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



94.2870, -35.6375, -2.8827



85.5990, -15.5783, -43.4983



81.1560, 6.3321, -71.1738

Triad

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



85.5990, -15.5783, -43.4983



84.6170, 47.5168, -74.2091



99.5520, -13.5831, 63.5369

Complementary

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



85.5990, -15.5783, -43.4983



67.4010, 15.5783, 43.4983

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.



101.3400, 4.7624, 59.3378



85.5990, -15.5783, -43.4983



102.2120, 35.3915, -11.5869

Square

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



85.5990, -15.5783, -43.4983



87.6030, 38.6497, -76.8278



104.9420, 21.7206, 33.3769



99.4090, -30.2746, 50.5073

Rectangle

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



85.5990, -15.5783, -43.4983



84.8210, 17.8362, -74.3880



104.9420, 21.7206, 33.3769



99.8710, -7.3314, 65.0111

Sweetspot

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



85.5990, -15.5783, -43.4983



140.5820, -6.2029, -17.1734



102.3840, -32.7273, -2.9678



69.3100, -3.6038, -10.7959



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.5990, -15.5783, -43.4983



103.7410, -24.5223, -68.1789



90.1590, 1.8936, -47.4974



56.6360, -1.2995, -3.1888



74.6920, -23.5122, -65.5049



153.1340, -47.8871, -134.2985

Inverse Universe

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



67.4010, 15.5783, 43.4983



75.2590, 24.5223, 68.1789



62.8410, -1.8936, 47.4974



55.2500, 0.8628, 3.2888



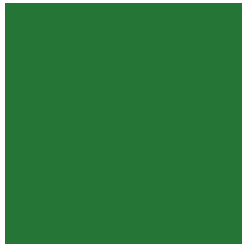
47.3080, 23.5122, 65.5049



96.8660, 47.8871, 134.2985

Previews

White Background



This preview shows how the YUV color 85.5990, -15.5783, -43.4983 looks on a white background.

Color Contrast Check

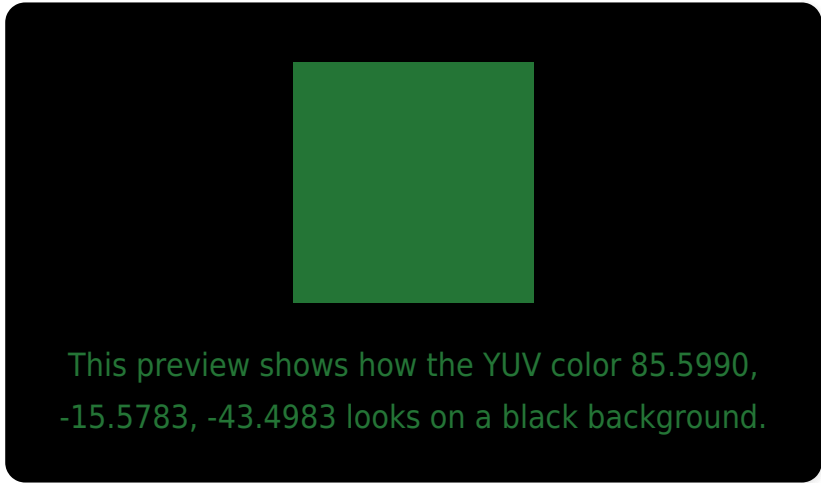
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.5990, -15.5783, -43.4983 Background



This preview shows how black text looks on a background with the YUV color 85.5990, -15.5783, -43.4983.



This preview shows how white text looks on a background with the YUV color 85.5990, -15.5783, -43.4983.

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

85.5990, -15.5783, -43.4983

Protanopia

99.2470, -24.7718, 12.0614

Deuteranopia

100.7410, -20.5783, 20.3981



Tritanopia

94.8800, 11.8912, -34.0978

Trichromacy



Original Color

85.5990, -15.5783, -43.4983

Protanomaly

94.0380, -21.2177, -7.9263

Deuteranomaly

95.0540, -18.7606, -2.6784

Tritanomaly

91.8120, 1.5717, -37.5461

Monochromacy



Original Color

85.5990, -15.5783, -43.4983

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7070, -5.7716, -15.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5990, -15.5783, -43.4983 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(36, 117, 54)` looks like.

```
.text, #text, p{  
    color:rgb(36, 117, 54)  
}
```

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(36, 117, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 117, 54) }
```

Border

The CSS property to change the border of an element to YUV 85.5990, -15.5783, -43.4983 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(36, 117, 54) }
```


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

```
.border{ border-color:rgb(36, 117, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 117, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 117, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 117, 54);  
box-shadow:4px 4px 4px 4px rgb(36, 117,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 85.5990, -15.5783, -43.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 117, 54) }
```

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

```
.background{ background-color: rgb(36, 117,  
54) }
```

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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