

Converting Colors

YUV(85.0000, -10.3530,
-39.4650)

Have a look what the booklet for
YUV(85.0000, -10.3530, -39.4650)
contains.

YUV(85.0000, -10.3530, -39.4650)	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(85.0000, -10.3530,
-39.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	287040
RGB	40, 112, 64
RGB Percent	16%, 44%, 25%
CMY	0.8431, 0.5608, 0.7490
CMYK	0.64, 0.00, 0.43, 0.56
HSL	140°, 47%, 30%
HSV	140°, 64%, 44%
XYZ	7.5947, 12.4096, 6.8455
YIQ	85.0000, -27.5040, -30.1920

Conversions

Conversions Part 2

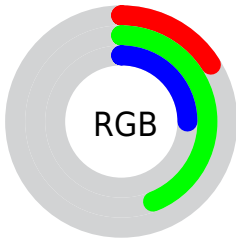
Format	Color
RYB	40, 94, 112
Decimal	2650176
CIELab	41.86, -34.04, 20.23
CIELCh	42, 39.597, 149.274
Yxy	12.4096, 0.2829, 0.4622
Android (android.graphics.Color)	4280840256 (0xFF287040)
YUV	85.0000, -10.3530, -39.4650
Hunter-Lab	35.2273, -23.1649, 13.1376

Details

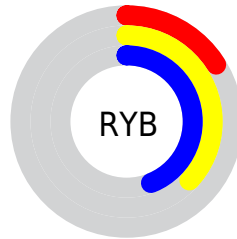
The YUV color **85.0000, -10.3530, -39.4650** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67.0000, 10.3530, 39.4650**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8430, -12.2476, -38.4503**, and **39.2610, -9.4957, -34.4319** is the 20% darker color. If you saturate the color by 10%, you get **80.9130, -11.7891, -45.5277**, and if you desaturate by 10%, it is **89.0870, -8.9169, -33.4023**.

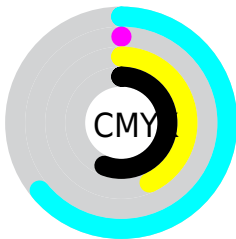
Distribution



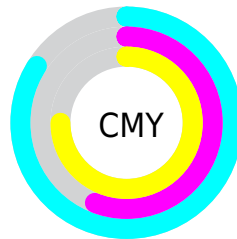
- Red (16%)
- Green (44%)
- Blue (25%)



- Red (16%)
- Yellow (37%)
- Blue (44%)



- Cyan (64%)
- Magenta (0%)
- Yellow (43%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0000, -10.3530, -39.4650 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 85.0000, -10.3530, -39.4650 by changing the saturation by 10% instead.

■ 85.0000, -10.3530,
-39.4650

■ 85.0000, -10.3530,
-39.4650

■ 255.0000, 0.0000,
0.0000

■ 57.2380, -8.0053,
-45.8127

■ 136.8430,
-12.2476, -38.4503

■ 39.2610, -9.4957,
-34.4319

■ 164.3160,
-12.9738, -38.8651

■ 24.0670, -11.8650,
-21.1068

■ 191.7890,
-13.7000, -39.2800

■ 7.6310, -3.7621,
-6.6924

■ 220.3760,
-13.9894, -39.7948

■ 0.0000, 0.0000,
0.0000

■ 235.4620, -7.6228,
-28.4692

■ 247.3250, 0.3328,

-13.4400

■ 85.0000, -10.3530,
-39.4650

■ 85.0000, -10.3530,
-39.4650

■ 80.9130, -11.7891,
-45.5277

■ 89.0870, -8.9169,
-33.4023

■ 76.7120, -13.6620,
-51.4904

■ 93.2880, -7.0440,
-27.4396

■ 72.3260, -14.9507,
-58.1679

■ 97.6740, -5.7553,
-20.7621

■ 69.9620, -16.2503,
-61.3567

■ 101.8750, -3.8824,
-14.7994

■ 105.9620, -2.4463,
-8.7367

■ 110.1630, -0.5734,
-2.7740

■ 114.2500, 0.8628,
3.2887

■ 118.7500, 2.5882,
9.8663

■ 122.8370, 4.0244,
15.9290

Harmonies

Analogous

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



91.9690, -26.6067, -6.1118



85.0000, -10.3530, -39.4650



78.5630, 9.0894, -68.8998

Triad

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



85.0000, -10.3530, -39.4650



84.2400, 39.3217, -58.9695



97.6600, -14.1294, 52.0412

Complementary

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



85.0000, -10.3530, -39.4650



67.0000, 10.3530, 39.4650

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.



99.5470, 0.7163, 50.3863



85.0000, -10.3530, -39.4650



100.5030, 27.3600, -2.1951

Square

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



85.0000, -10.3530, -39.4650



82.7130, 35.1445, -72.5393



101.6230, 15.4689, 31.9026



97.5540, -26.8951, 39.8561

Rectangle

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



85.0000, -10.3530, -39.4650



81.0710, 18.6990, -71.0993



101.6230, 15.4689, 31.9026



98.2240, -9.4774, 53.3006

Sweetspot

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



85.0000, -10.3530, -39.4650



134.8750, -3.8824, -14.7994



96.6160, -27.9117, -7.5562



67.6630, -2.2989, -9.3515



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



85.0000, -10.3530, -39.4650



103.0760, -15.8135, -61.4567



89.1040, 5.3717, -43.0642



53.7500, -0.8628, -3.2887



75.0000, -17.2550, -65.7750



154.3370, -35.6621, -135.3535

Inverse Universe

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



67.0000, 10.3530, 39.4650



75.0380, 16.2503, 61.3567



62.8960, -5.3717, 43.0642



52.2500, 0.8628, 3.2888



45.0000, 17.2550, 65.7750



92.6630, 35.6621, 135.3535

Previews

White Background



This preview shows how the YUV color 85.0000, -10.3530, -39.4650 looks on a white background.

Color Contrast Check

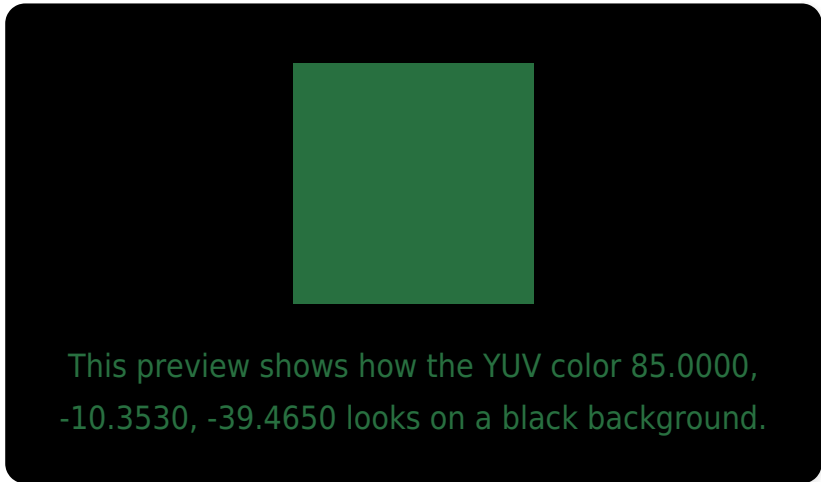
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.0000, -10.3530, -39.4650

Background



This preview shows how black text looks on a background with the YUV color 85.0000, -10.3530, -39.4650.



This preview shows how white text looks on a background with the YUV color 85.0000, -10.3530,

-39.4650.

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

85.0000, -10.3530, -39.4650

Protanopia

96.5440, -18.5092, 10.0469

Deuteranopia

97.9130, -14.7471, 16.7393



Tritanopia

92.0760, 11.3015, -31.6387

Trichromacy



Original Color

85.0000, -10.3530, -39.4650

Protanomaly

92.2320, -15.3974, -8.0965

Deuteranomaly

93.5360, -13.0822, -3.9781

Tritanomaly

89.2900, 3.3080, -34.4573

Monochromacy



Original Color

85.0000, -10.3530, -39.4650

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1740, -4.0298, -14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0000, -10.3530, -39.4650 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(40, 112, 64)` looks like.

```
.text, #text, p{  
    color:rgb(40, 112, 64)  
}
```

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(40, 112, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 112, 64) }
```

Border

The CSS property to change the border of an element to YUV 85.0000, -10.3530, -39.4650 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(40, 112, 64) }
```


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

```
.border{ border-color:rgb(40, 112, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 112, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 112, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 112, 64);  
box-shadow:4px 4px 4px 4px rgb(40, 112,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 85.0000, -10.3530, -39.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 112, 64) }
```

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

```
.background{ background-color: rgb(40, 112,  
64) }
```

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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