

Converting Colors

YUV(84.8660, -17.1889,
-40.2245)

Have a look what the booklet for
YUV(84.8660, -17.1889, -40.2245)
contains.

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Color

**YUV(84.8660, -17.1889,
-40.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	277332
RGB	39, 115, 50
RGB Percent	15%, 45%, 20%
CMY	0.8471, 0.5490, 0.8039
CMYK	0.66, 0.00, 0.57, 0.55
HSL	129°, 49%, 30%
HSV	129°, 66%, 45%
XYZ	7.5432, 12.9231, 5.1145
YIQ	84.8660, -24.4310, -36.3270

Conversions

Conversions Part 2

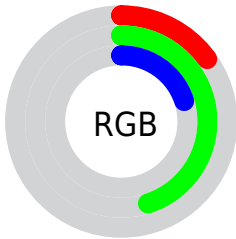
Format	Color
R_{YB}	39, 105, 115
Decimal	2585394
CIE _{Lab}	42.65, -37.92, 28.95
CIE _{LCh}	43, 47.710, 142.637
Yxy	12.9231, 0.2949, 0.5052
Android (android.graphics.Color)	4280775474 (0xFF277332)
YUV	84.8660, -17.1889, -40.2245
Hunter-Lab	35.9487, -25.4554, 16.7289

Details

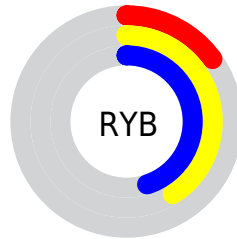
The YUV color **84.8660, -17.1889, -40.2245** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69.1340, 17.1889, 40.2245**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8940, -19.6677, -38.4950**, and **39.0840, -17.7894, -34.2767** is the 20% darker color. If you saturate the color by 10%, you get **80.4370, -19.9354, -45.9872**, and if you desaturate by 10%, it is **89.5940, -14.5898, -33.8469**.

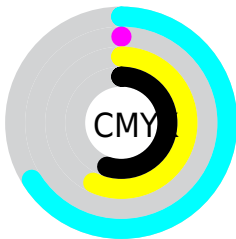
Distribution



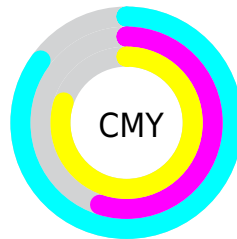
- Red (15%)
- Green (45%)
- Blue (20%)



- Red (15%)
- Yellow (41%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (57%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8660, -17.1889, -40.2245 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 84.8660, -17.1889, -40.2245 by changing the saturation by 10% instead.

■ 84.8660, -17.1889,
-40.2245

■ 84.8660, -17.1889,
-40.2245

255.0000, 0.0000,
0.0000

■ 56.2070, -14.3991,
-48.4165

■ 137.8940,
-19.6677, -38.4950

■ 39.0840, -17.7894,
-34.2767

■ 164.6660,
-20.5413, -38.2951

■ 25.2410, -12.4438,
-22.1364

■ 192.2530,
-20.8307, -38.8099

■ 9.9790, -4.9196,
-8.7516

■ 220.7260,
-21.5569, -39.2247

■ 0.0000, 0.0000,
0.0000

■ 233.9370,
-14.7589, -26.2547

■ 245.9140, -6.3666,

-11.3256

■ 84.8660, -17.1889,
-40.2245

■ 84.8660, -17.1889,
-40.2245

■ 80.4370, -19.9354,
-45.9872

■ 89.5940, -14.5898,
-33.8469

■ 75.7090, -22.5345,
-52.3648

■ 94.0230, -11.8433,
-28.0842

■ 71.2800, -25.2810,
-58.1276

■ 98.7510, -9.2442,
-21.7066

■ 69.4430, -25.8544,
-60.9015

■ 103.0660, -6.9345,
-15.8439

■ 107.7940, -4.3354,
-9.4663

■ 112.2230, -1.5889,
-3.7036

■ 116.9510, 1.0102,
2.6740

■ 121.3800, 3.7567,
8.4367

■ 126.1080, 6.3558,
14.8143

Harmonies

Analogous

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



92.9560, -36.9533, -0.8384



84.8660, -17.1889, -40.2245



79.9990, 4.4375, -70.1591

Triad

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



84.8660, -17.1889, -40.2245



83.8020, 46.9326, -73.4944



97.6060, -12.1308, 64.3665

Complementary

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



84.8660, -17.1889, -40.2245



69.1340, 17.1889, 40.2245

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.



99.3830, 6.2202, 58.4231



84.8660, -17.1889, -40.2245



99.5320, 36.7127, -15.3756

Square

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



84.8660, -17.1889, -40.2245



86.6740, 37.6287, -76.0131



103.7460, 22.3102, 30.9178



97.6480, -29.4065, 52.0517

Rectangle

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



84.8660, -17.1889, -40.2245



83.1910, 16.6678, -72.9585



103.7460, 22.3102, 30.9178



98.2130, -6.0210, 64.7112

Sweetspot

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



84.8660, -17.1889, -40.2245



138.1800, -6.4977, -15.9439



103.3460, -31.7226, 1.4506



69.4950, -4.1880, -10.0811



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.



84.8660, -17.1889, -40.2245



103.2040, -26.7226, -62.4459



89.0840, -1.0274, -43.9237



56.6360, -1.2995, -3.1888



73.6660, -27.4433, -64.6051



150.8540, -56.6230, -132.2990

Inverse Universe

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



69.1340, 17.1889, 40.2245



78.7960, 26.7226, 62.4459



64.9160, 1.0274, 43.9237



55.3640, 1.2995, 3.1888



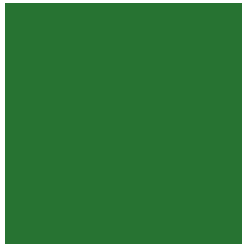
48.4480, 27.8801, 64.5051



99.1460, 56.6230, 132.2990

Previews

White Background



This preview shows how the YUV color 84.8660, -17.1889, -40.2245 looks on a white background.

Color Contrast Check

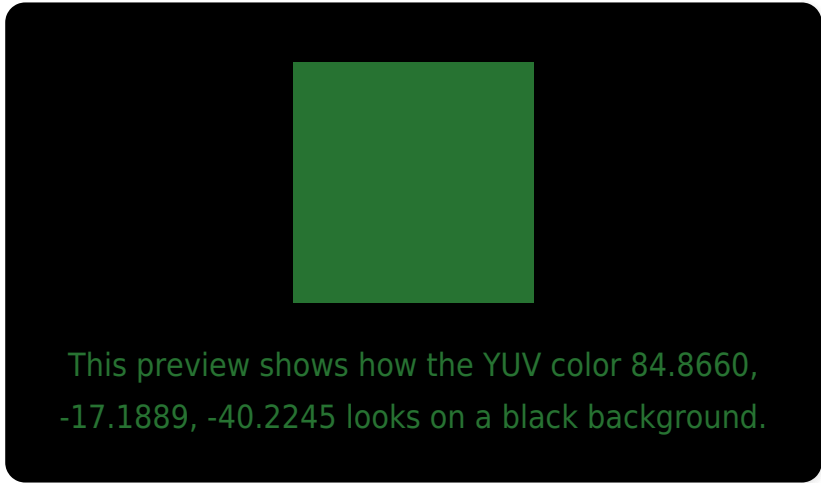
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.8660, -17.1889, -40.2245

Background



This preview shows how black text looks on a background with the YUV color 84.8660, -17.1889, -40.2245.



This preview shows how white text looks on a background with the YUV color 84.8660, -17.1889,

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

84.8660, -17.1889, -40.2245

Protanopia

97.0190, -25.6454, 12.2613

Deuteranopia

99.1000, -21.7413, 20.0833



Tritanopia

94.0760, 11.3015, -31.6387

Trichromacy



Original Color

84.8660, -17.1889, -40.2245

Protanomaly

92.4080, -22.3861, -6.4968

Deuteranomaly

94.0110, -20.2184, -1.7636

Tritanomaly

91.0080, 0.9821, -35.0870

Monochromacy



Original Color

84.8660, -17.1889, -40.2245

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8920, -6.3558, -14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8660, -17.1889, -40.2245 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(39, 115, 50)` looks like.

```
.text, #text, p{  
    color:rgb(39, 115, 50)  
}
```

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(39, 115, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 115, 50) }
```

Border

The CSS property to change the border of an element to YUV 84.8660, -17.1889, -40.2245 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(39, 115, 50) }
```


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

```
.border{ border-color:rgb(39, 115, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 115, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 115, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 115, 50);  
box-shadow:4px 4px 4px 4px rgb(39, 115,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 84.8660, -17.1889, -40.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 115, 50) }
```

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

```
.background{ background-color: rgb(39, 115,  
50) }
```

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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