

Converting Colors

YUV(85.3730, -22.8619,
-40.6691)

Have a look what the booklet for
YUV(85.3730, -22.8619, -40.6691)
contains.

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Color

**YUV(85.3730, -22.8619,
-40.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	277627
RGB	39, 118, 39
RGB Percent	15%, 46%, 15%
CMY	0.8471, 0.5373, 0.8471
CMYK	0.67, 0.00, 0.67, 0.54
HSL	120°, 50%, 31%
HSV	120°, 67%, 46%
XYZ	7.6813, 13.5347, 4.1271
YIQ	85.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

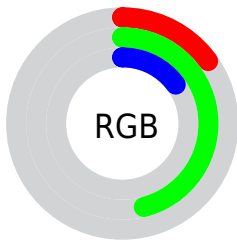
Format	Color
R_{YB}	39, 118, 118
Decimal	2586151
CIE _{Lab}	43.56, -40.54, 35.50
CIE _{LCh}	44, 53.890, 138.791
Y _{xy}	13.5347, 0.3031, 0.5341
Android (android.graphics.Color)	4280776231 (0xFF277627)
YUV	85.3730, -22.8619, -40.6691
Hunter-Lab	36.7895, -27.1124, 19.1015

Details

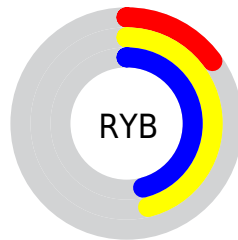
The YUV color **85.3730, -22.8619, -40.6691** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **71.6270, 22.8619, 40.6691**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8140, -25.0513, -38.4249**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **80.4170, -26.3346, -46.8467**, and if you desaturate by 10%, it is **90.3290, -19.3892, -34.4915**.

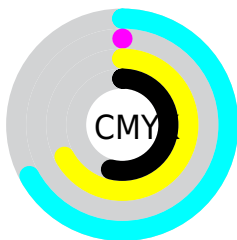
Distribution



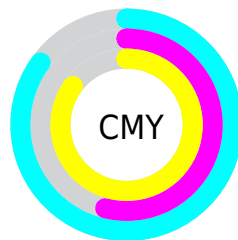
- Red (15%)
- Green (46%)
- Blue (15%)



- Red (15%)
- Yellow (46%)
- Blue (46%)



- Cyan (67%)
- Magenta (0%)
- Yellow (67%)
- Black (54%)





- Cyan (85%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.3730, -22.8619, -40.6691 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 85.3730, -22.8619, -40.6691 by changing the saturation by 10% instead.


 85.3730, -22.8619,
-40.6691


 85.3730, -22.8619,
-40.6691


255.0000, 0.0000,
0.0000


 56.1870, -20.7982,
-49.2760


 138.8140,
-25.0513, -38.4249


 39.9160, -19.6786,
-35.0063


 166.1730,
-26.2143, -38.7397

 27.0020, -13.3120,
-23.6808

 193.6460,
-26.9405, -39.1545

 12.3270, -6.0772,
-10.8108

 221.5320,
-27.3773, -39.0546

 0.0000, 0.0000,
0.0000

 233.3950,
-19.4217, -24.0254

 245.2580,

-11.4662, -8.9963

254.5440, -1.7472,
0.3999

■ 85.3730, -22.8619,
-40.6691

■ 85.3730, -22.8619,
-40.6691

■ 80.4170, -26.3346,
-46.8467

■ 90.3290, -19.3892,
-34.4915

■ 75.4610, -29.8073,
-53.0243

■ 95.2850, -15.9165,
-28.3139

■ 70.9180, -32.9906,
-58.6871

■ 99.8280, -12.7332,
-22.6512

■ 69.2660, -34.1481,
-60.7463

■ 104.7840, -9.2605,
-16.4736

■ 109.7400, -5.7878,
-10.2960

■ 114.6960, -2.3151,
-4.1184

■ 119.6520, 1.1576,
2.0592

■ 124.1950, 4.3409,
7.7220

■ 129.1510, 7.8136,
13.8996

Harmonies

Analogous

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



92.9860, -45.8421, 3.5203



85.3730, -22.8619, -40.6691



81.1900, 1.3853, -71.2036

Triad

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



85.3730, -22.8619, -40.6691



88.1050, 50.7272, -77.2681



97.2420, -9.9793, 74.3328

Complementary

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



85.3730, -22.8619, -40.6691



71.6270, 22.8619, 40.6691

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.



100.5670, 10.5665, 64.4007



85.3730, -22.8619, -40.6691



98.3930, 44.1763, -29.2857

Square

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



85.3730, -22.8619, -40.6691



90.4070, 39.2393, -79.2869



105.8150, 27.6992, 29.1032



98.9480, -31.0334, 60.5586

Rectangle

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



85.3730, -22.8619, -40.6691



85.3110, 14.6367, -74.8177



105.8150, 27.6992, 29.1032



97.7780, -2.8486, 73.8627

Sweetspot

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



85.3730, -22.8619, -40.6691



140.1970, -8.9711, -15.9588



108.9940, -34.5070, 7.8983



69.1530, -5.4984, -9.7812



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.



85.3730, -22.8619, -40.6691



102.6140, -35.3057, -62.8055



89.8190, -5.8268, -44.5683



56.5220, -1.7363, -3.0888



71.6140, -35.3057, -62.8055



146.7500, -72.3478, -128.6997

Inverse Universe

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



71.6270, 22.8619, 40.6691



81.3860, 35.3057, 62.8055



67.0670, 5.3900, 44.6682



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 85.3730, -22.8619, -40.6691 looks on a white background.

Color Contrast Check

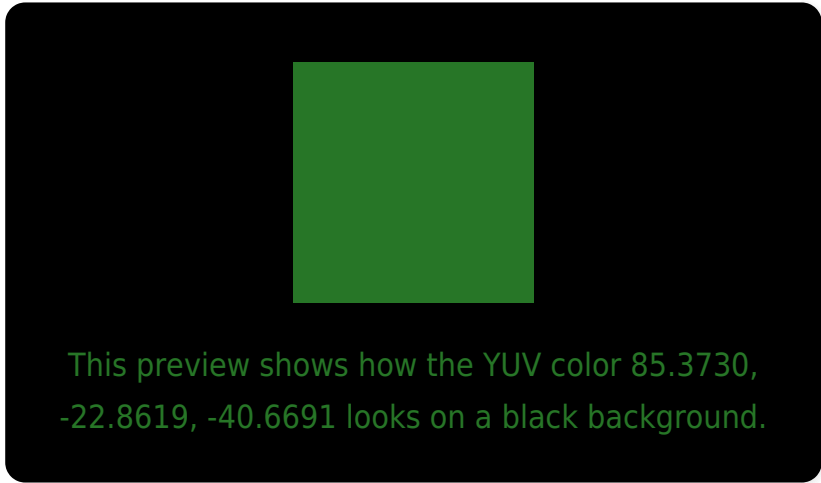
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.3730, -22.8619, -40.6691 Background



This preview shows how black text looks on a background with the YUV color 85.3730, -22.8619, -40.6691.



This preview shows how white text looks on a background with the YUV color 85.3730, -22.8619,

-40.6691.

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

85.3730, -22.8619, -40.6691

Protanopia

98.8360, -31.4711, 14.1758

Deuteranopia

100.1560, -26.6989, 23.5422



Tritanopia

96.0760, 11.3015, -31.6387

Trichromacy



Original Color

85.3730, -22.8619, -40.6691

Protanomaly

93.5130, -28.3539, -5.7119

Deuteranomaly

94.9420, -25.6074, 0.0509

Tritanomaly

92.1390, -1.0545, -35.2019

Monochromacy



Original Color

85.3730, -22.8619, -40.6691

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3730, -22.8619, -40.6691 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, 118, 39)` looks like.

```
.text, #text, p{  
    color:rgb(39, 118, 39)  
}
```

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, 118, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 118, 39) }
```

Border

The CSS property to change the border of an element to YUV 85.3730, -22.8619, -40.6691 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, 118, 39) }
```


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

```
.border{ border-color:rgb(39, 118, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 118, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 118, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 118, 39);  
box-shadow:4px 4px 4px 4px rgb(39, 118,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 85.3730, -22.8619, -40.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 118, 39) }
```

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

```
.background{ background-color: rgb(39, 118,  
39) }
```

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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