

Converting Colors

YUV(89.9870, -20.6996,
-34.1916)

Have a look what the booklet for
YUV(89.9870, -20.6996, -34.1916)
contains.

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Color

**YUV(89.9870, -20.6996,
-34.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	337630
RGB	51, 118, 48
RGB Percent	20%, 46%, 19%
CMY	0.8000, 0.5373, 0.8118
CMYK	0.57, 0.00, 0.59, 0.54
HSL	117°, 42%, 33%
HSV	117°, 59%, 46%
XYZ	8.3772, 13.8741, 5.0327
YIQ	89.9870, -17.4620, -35.9740

Conversions

Conversions Part 2

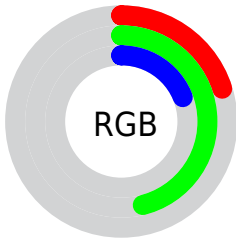
Format	Color
RYB	48, 118, 115
Decimal	3372592
CIELab	44.05, -36.33, 31.76
CIELCh	44, 48.257, 138.839
Yxy	13.8741, 0.3070, 0.5085
Android (android.graphics.Color)	4281562672 (0xFF337630)
YUV	89.9870, -20.6996, -34.1916
Hunter-Lab	37.2479, -25.0386, 18.0626

Details

The YUV color **89.9870, -20.6996, -34.1916** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76.0130, 20.6996, 34.1916**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4170, -22.8836, -33.6917**, and **40.5030, -19.9680, -35.5211** is the 20% darker color. If you saturate the color by 10%, you get **85.3300, -24.3197, -39.7544**, and if you desaturate by 10%, it is **94.6440, -17.0795, -28.6288**.

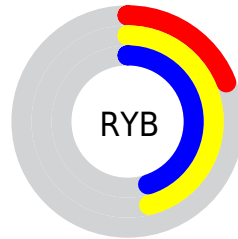
Distribution



Red (20%)

Green (46%)

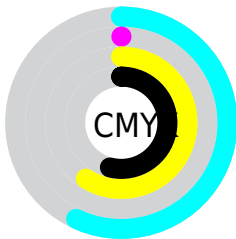
Blue (19%)



Red (19%)

Yellow (46%)

Blue (45%)

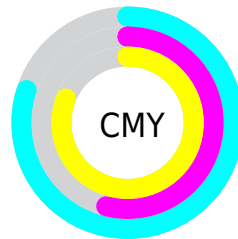


Cyan (57%)

Magenta (0%)

Yellow (59%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9870, -20.6996, -34.1916 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 89.9870, -20.6996, -34.1916 by changing the saturation by 10% instead.

■ 89.9870, -20.6996,
-34.1916

■ 89.9870, -20.6996,
-34.1916

■ 255.0000, 0.0000,
0.0000

■ 63.9050, -19.6732,
-36.7507

■ 142.4170,
-22.8836, -33.6917

■ 40.5030, -19.9680,
-35.5211

■ 169.3030,
-23.3204, -33.5917

■ 27.0020, -13.3120,
-23.6808

■ 197.3630,
-24.3360, -34.5214

■ 13.5010, -6.6560,
-11.8404

■ 225.2490,
-24.7728, -34.4214

■ 0.0000, 0.0000,
0.0000

■ 236.8130,
-16.6698, -20.0070

■ 248.6760, -8.7143,

-4.9779

■ 89.9870, -20.6996,
-34.1916

■ 89.9870, -20.6996,
-34.1916

■ 85.3300, -24.3197,
-39.7544

■ 94.6440, -17.0795,
-28.6288

■ 80.3740, -27.7924,
-45.9320

■ 99.6000, -13.6068,
-22.4512

■ 75.8310, -30.9757,
-51.5948

■ 104.1430,
-10.4235, -16.7884

■ 71.1740, -34.5958,
-57.1576

■ 108.8000, -6.8034,
-11.2256

■ 70.7610, -34.8852,
-57.6724

■ 113.4570, -3.1833,
-5.6628

■ 118.4130, 0.2894,
0.5148

■ 123.0700, 3.9095,
6.0776

■ 127.6130, 7.0928,
11.7404

■ 132.5690, 10.5655,
17.9180

Harmonies

Analogous

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



96.4080, -39.1481, 3.1502



89.9870, -20.6996, -34.1916



81.5320, 2.6957, -71.5036

Triad

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



89.9870, -20.6996, -34.1916



87.1930, 47.2329, -76.4683



101.1870, -9.9522, 65.6110

Complementary

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



89.9870, -20.6996, -34.1916



76.0130, 20.6996, 34.1916

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.



103.6540, 8.5516, 57.3084



89.9870, -20.6996, -34.1916



101.6450, 38.6290, -23.3677

Square

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



89.9870, -20.6996, -34.1916



89.1360, 36.9080, -78.1723



107.2940, 24.5051, 26.9292



101.1260, -27.6701, 55.1405

Rectangle

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



89.9870, -20.6996, -34.1916



85.3110, 14.6367, -74.8177



107.2940, 24.5051, 26.9292



101.4950, -3.6950, 65.3409

Sweetspot

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



89.9870, -20.6996, -34.1916



142.0340, -8.3978, -13.1848



107.6720, -29.4183, 9.0577



69.9790, -4.9196, -8.7516



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.



89.9870, -20.6996, -34.1916



109.4780, -32.2807, -53.0392



92.7380, -6.2798, -39.2352



56.5220, -1.7363, -3.0888



73.1090, -36.0427, -59.7316



150.0390, -73.9692, -121.9372

Inverse Universe

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



76.0130, 20.6996, 34.1916



87.5220, 32.2807, 53.0392



73.2620, 6.2798, 39.2352



55.1790, 1.8838, 2.4740



48.8910, 36.0427, 59.7316



99.9610, 73.9692, 121.9372

Previews

White Background



This preview shows how the YUV color 89.9870, -20.6996, -34.1916 looks on a white background.

Color Contrast Check

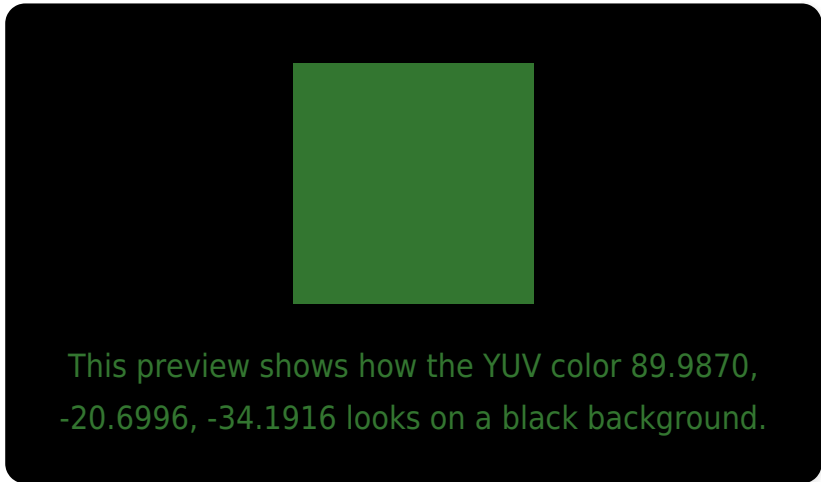
Large Text (above 18pt) WCAG AA ✓ Pass

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

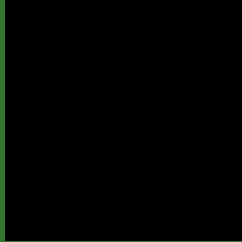
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9870, -20.6996, -34.1916

Background



This preview shows how black text looks on a background with the YUV color 89.9870, -20.6996, -34.1916.



This preview shows how white text looks on a background with the YUV color 89.9870, -20.6996,

-34.1916.

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

89.9870, -20.6996, -34.1916

Protanopia

100.4490, -27.8294, 12.7612

Deuteranopia

102.1280, -24.2201, 21.8127



Tritanopia

98.8700, 10.4171, -27.9500

Trichromacy



Original Color

89.9870, -20.6996, -34.1916

Protanomaly

96.6210, -25.4492, -4.0526

Deuteranomaly

97.6370, -22.9920, 1.1954

Tritanomaly

95.8730, -0.9234, -30.5836

Monochromacy



Original Color

89.9870, -20.6996, -34.1916

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9740, -7.3822, -12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9870, -20.6996, -34.1916 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(51, 118, 48)` looks like.

```
.text, #text, p{  
    color:rgb(51, 118, 48)  
}
```

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(51, 118, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 118, 48) }
```

Border

The CSS property to change the border of an element to YUV 89.9870, -20.6996, -34.1916 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(51, 118, 48) }
```


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

```
.border{ border-color:rgb(51, 118, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 118, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 118, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 118, 48);  
box-shadow:4px 4px 4px 4px rgb(51, 118,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 89.9870, -20.6996, -34.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 118, 48) }
```

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

```
.background{ background-color: rgb(51, 118,  
48) }
```

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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