

Converting Colors

YUV(74.9870, -20.6996,
-34.1916)

Have a look what the booklet for
YUV(74.9870, -20.6996, -34.1916)
contains.

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Color

**YUV(74.9870, -20.6996,
-34.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	246721
RGB	36, 103, 33
RGB Percent	14%, 40%, 13%
CMY	0.8588, 0.5961, 0.8706
CMYK	0.65, 0.00, 0.68, 0.60
HSL	117°, 51%, 27%
HSV	117°, 68%, 40%
XYZ	5.8523, 10.1854, 3.0964
YIQ	74.9870, -17.4620, -35.9740

Conversions

Conversions Part 2

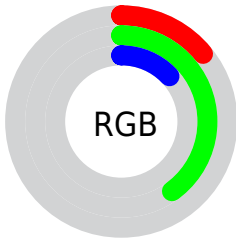
Format	Color
R_{YB}	33, 103, 100
Decimal	2385697
CIE Lab	38.17, -36.07, 32.36
CIE LCh	38, 48.452, 138.104
Yxy	10.1854, 0.3059, 0.5323
Android (android.graphics.Color)	4280575777 (0xFF246721)
YUV	74.9870, -20.6996, -34.1916
Hunter-Lab	31.9145, -23.1180, 16.5878

Details

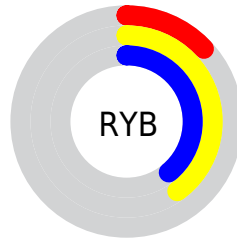
The YUV color **74.9870, -20.6996, -34.1916** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61.0130, 20.6996, 34.1916**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1290, -22.7416, -32.5621**, and **32.2850, -15.9165, -28.3139** is the 20% darker color. If you saturate the color by 10%, you get **70.8570, -23.5935, -39.3396**, and if you desaturate by 10%, it is **79.1170, -17.8057, -29.0436**.

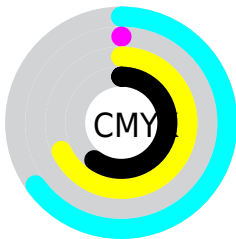
Distribution



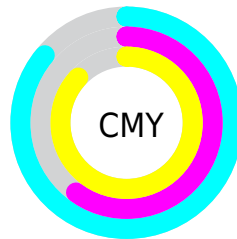
- Red (14%)
- Green (40%)
- Blue (13%)



- Red (13%)
- Yellow (40%)
- Blue (39%)



- Cyan (65%)
- Magenta (0%)
- Yellow (68%)
- Black (60%)



- Cyan (86%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9870, -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 74.9870, -20.6996, -34.1916 by changing the saturation by 10% instead.

■ 74.9870, -20.6996,
-34.1916

■ 74.9870, -20.6996,
-34.1916

255.0000, 0.0000,
0.0000

■ 46.6980, -19.0781,
-40.9541

■ 127.1290,
-22.7416, -32.5621

■ 32.2850, -15.9165,
-28.3139

■ 153.6020,
-23.4678, -32.9770

■ 20.5450, -10.1287,
-18.0180

■ 180.9610,
-24.6308, -33.2918

■ 0.0000, 0.0000,
0.0000

■ 208.8470,
-25.0676, -33.1918

■ 230.2760,
-22.3211, -27.4291

■ 241.8400,

-14.2181, -13.0147

253.5180, -5.6784,
1.2997

74.9870, -20.6996,
-34.1916

74.9870, -20.6996,
-34.1916

70.8570, -23.5935,
-39.3396

79.1170, -17.8057,
-29.0436

66.6130, -26.9242,
-44.3876

83.3610, -14.4750,
-23.9956

62.4830, -29.8181,
-49.5356

87.4910, -11.5811,
-18.8476

61.6570, -30.3969,
-50.5652

91.3220, -8.5397,
-14.3144

95.5660, -5.2090,
-9.2664

■ 99.6960, -2.3151,
-4.1184

■ 103.8260, 0.5788,
1.0296

■ 107.9560, 3.4727,
6.1776

■ 112.2000, 6.8034,
11.2256

Harmonies

Analogous

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



81.4790, -40.1691, 3.9649



74.9870, -20.6996, -34.1916



71.0170, 0.4846, -62.2819

Triad

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



74.9870, -20.6996, -34.1916



77.1510, 44.2956, -67.6614



85.5290, -8.6418, 65.3111

Complementary

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



74.9870, -20.6996, -34.1916



61.0130, 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.



88.1700, 9.2832, 55.9789



74.9870, -20.6996, -34.1916



85.7370, 39.0767, -26.9563

Square

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



74.9870, -20.6996, -34.1916



79.0940, 33.9707, -69.3654



92.3970, 24.9473, 25.0848



86.3430, -26.7911, 53.1962

Rectangle

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



74.9870, -20.6996, -34.1916



74.7960, 12.4256, -65.5961



92.3970, 24.9473, 25.0848



85.5380, -2.2372, 64.4262

Sweetspot

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



74.9870, -20.6996, -34.1916



124.1480, -7.9610, -13.2848



93.2590, -29.7077, 8.5429



62.2780, -5.0671, -8.1368



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



74.9870, -20.6996, -34.1916



90.6520, -32.8594, -54.0688



77.7380, -6.2798, -39.2352



48.9350, -1.4470, -2.5740



69.0000, -34.0170, -56.1280



145.0440, -71.5067, -118.4336

Inverse Universe

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



61.0130, 20.6996, 34.1916



68.3480, 32.8594, 54.0688



58.2620, 6.2798, 39.2352



48.0650, 1.4470, 2.5740



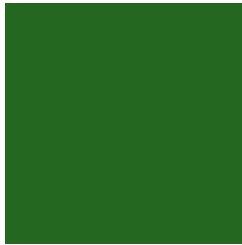
46.0000, 34.0170, 56.1280



96.9560, 71.5067, 118.4336

Previews

White Background



This preview shows how the YUV color 74.9870, -20.6996, -34.1916 looks on a white background.

Color Contrast Check

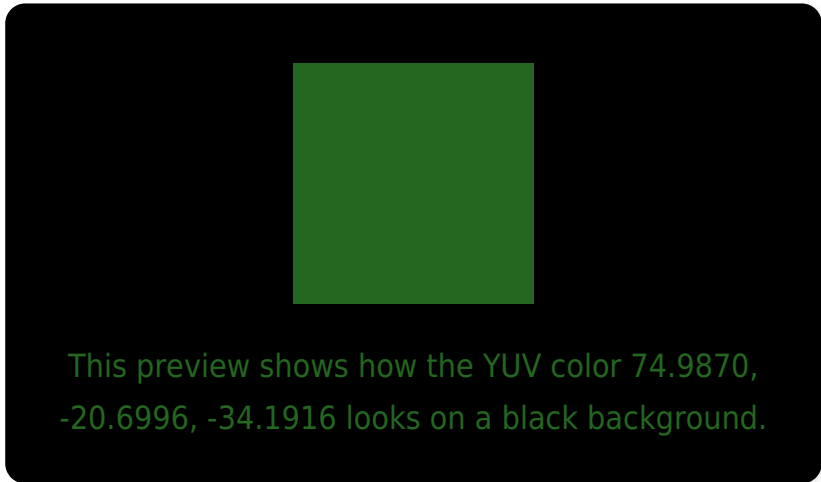
Large Text (above 18pt) WCAG AA ✓ Pass

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

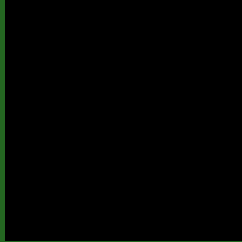
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9870, -20.6996, -34.1916

Background



This preview shows how black text looks on a background with the YUV color 74.9870, -20.6996, -34.1916.



This preview shows how white text looks on a background with the YUV color 74.9870, -20.6996, -34.1916.

-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

74.9870, -20.6996, -34.1916

Protanopia

86.0360, -28.1187, 12.2464

Deuteranopia

87.5300, -23.9253, 20.5832



Tritanopia

84.3540, 9.6855, -26.6205

Trichromacy



Original Color

74.9870, -20.6996, -34.1916

Protanomaly

82.2080, -25.7385, -4.5674

Deuteranomaly

83.3380, -22.8446, 0.5806

Tritanomaly

81.0580, -1.5076, -29.8689

Monochromacy



Original Color

74.9870, -20.6996, -34.1916

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9740, -7.3822, -12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9870, -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(36, 103, 33)` looks like.

```
.text, #text, p{  
    color:rgb(36, 103, 33)  
}
```

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, 103, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 103, 33) }
```

Border

The CSS property to change the border of an element to YUV 74.9870, -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(36, 103, 33) }
```


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

```
.border{ border-color:rgb(36, 103, 33) }
```

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

Here you see how a box with a 4 pixel rgb(36, 103, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 103, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 103, 33);  
box-shadow:4px 4px 4px 4px rgb(36, 103,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 74.9870, -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(36, 103, 33) }
```

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

```
.background{ background-color: rgb(36, 103,  
33) }
```

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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