

Converting Colors

YUV(74.8830, 0.5507, -36.7314)

Have a look what the booklet for
YUV(74.8830, 0.5507, -36.7314)
contains.

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Color

**YUV(74.8830, 0.5507,
-36.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	21604C
RGB	33, 96, 76
RGB Percent	13%, 38%, 30%
CMY	0.8706, 0.6235, 0.7020
CMYK	0.66, 0.00, 0.21, 0.62
HSL	161°, 49%, 25%
HSV	161°, 66%, 38%
XYZ	6.1146, 9.2109, 8.2931
YIQ	74.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

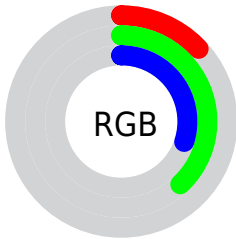
Format	Color
R_{YB}	33, 70, 96
Decimal	2187340
CIE _{Lab}	36.39, -25.46, 5.54
CIE _{LCh}	36, 26.058, 167.714
Yxy	9.2109, 0.2589, 0.3900
Android (android.graphics.Color)	4280377420 (0xFF21604C)
YUV	74.8830, 0.5507, -36.7314
Hunter-Lab	30.3494, -17.1486, 5.0434

Details

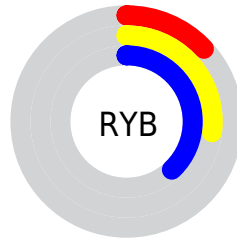
The YUV color **74.8830, 0.5507, -36.7314** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.1170, -0.5507, 36.7314**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9540, -0.4703, -35.9167**, and **32.4110, -0.2026, -28.4244** is the 20% darker color. If you saturate the color by 10%, you get **71.5510, 0.7144, -42.5792**, and if you desaturate by 10%, it is **78.2150, 0.3870, -30.8836**.

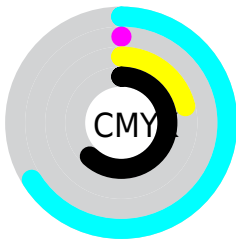
Distribution



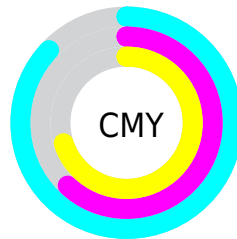
- Red (13%)
- Green (38%)
- Blue (30%)



- Red (13%)
- Yellow (27%)
- Blue (38%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (87%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8830, 0.5507, -36.7314 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 74.8830, 0.5507, -36.7314 by changing the saturation by 10% instead.

■ 74.8830, 0.5507,
-36.7314

■ 74.8830, 0.5507,
-36.7314

■ 255.0000, 0.0000,
0.0000

■ 48.3060, 2.3141,
-42.3644

■ 125.9540, -0.4703,
-35.9167

■ 32.4110, -0.2026,
-28.4244

■ 152.5410, -0.7597,
-36.4315

■ 18.6360, -4.7505,
-16.3438

■ 179.4270, -1.1965,
-36.3315

■ 0.0000, 0.0000,
0.0000

■ 207.7150, -1.3385,
-37.4611

■ 233.9540, -0.4703,
-35.9167

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

74.8830, 0.5507,
-36.7314

74.8830, 0.5507,
-36.7314

71.5510, 0.7144,
-42.5792

78.2150, 0.3870,
-30.8836

68.5180, 0.7306,
-47.8123

81.2480, 0.3707,
-25.6505

65.1860, 0.8943,
-53.6601

84.5800, 0.2071,
-19.8027

63.8760, 1.0471,
-56.0193

87.6130, 0.1908,
-14.5696

90.9450, 0.0271,
-8.7218

■ 94.2770, -0.1366,
-2.8739

■ 97.3100, -0.1528,
2.3591

■ 100.6420, -0.3165,
8.2070

■ 103.6750, -0.3328,
13.4400

Harmonies

Analogous

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



79.9260, -11.3025, -14.8441



74.8830, 0.5507, -36.7314



68.1110, 14.7353, -59.7333

Triad

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



74.8830, 0.5507, -36.7314



85.3960, 19.5248, -9.1173



85.7020, -14.6431, 30.0793

Complementary

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



74.8830, 0.5507, -36.7314



54.1170, -0.5507, 36.7314

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.



86.6130, -6.2182, 34.5424



74.8830, 0.5507, -36.7314



88.4050, 12.6183, 12.7998

Square

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



74.8830, 0.5507, -36.7314



77.3600, 23.9795, -38.0267



88.0990, 3.4022, 28.8542



84.2570, -19.8467, 19.0686

Rectangle

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



74.8830, 0.5507, -36.7314



69.0060, 20.7030, -60.5183



88.0990, 3.4022, 28.8542



85.9950, -12.3225, 32.4534

Sweetspot

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



74.8830, 0.5507, -36.7314



116.6130, 0.1908, -14.5696



76.2600, -21.3272, -19.5220



58.6460, 0.1745, -9.3365



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



74.8830, 0.5507, -36.7314



91.8650, 1.0526, -57.7636



70.7060, 12.4699, -33.0682



46.6900, 0.1528, -2.3591



74.5220, 1.2217, -65.3558



159.5760, 2.1810, -139.9482

Inverse Universe

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



54.1170, -0.5507, 36.7314



59.2490, -0.6158, 57.6636



58.2940, -12.4699, 33.0682



45.3100, -0.1528, 2.3591



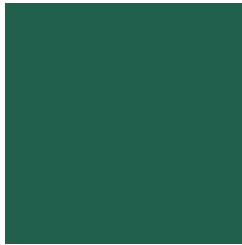
37.5920, -0.7849, 65.2558



80.4240, -2.1810, 139.9482

Previews

White Background



This preview shows how the YUV color 74.8830, 0.5507, -36.7314 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.8830, 0.5507, -36.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

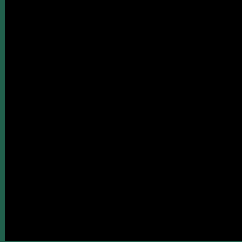
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8830, 0.5507, -36.7314

Background



This preview shows how black text looks on a background with the YUV color 74.8830, 0.5507, -36.7314.



This preview shows how white text looks on a background with the YUV color 74.8830, 0.5507, -36.7314.

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

74.8830, 0.5507, -36.7314

Protanopia

84.8990, -6.8522, 4.4736

Deuteranopia

85.8440, -3.3741, 8.9068



Tritanopia

78.8480, 10.4279, -31.4387

Trichromacy



Original Color

74.8830, 0.5507, -36.7314

Protanomaly

81.1960, -4.0406, -10.6959

Deuteranomaly

81.7880, -1.8675, -7.7071

Tritanomaly

77.2130, 6.7970, -33.5128

Monochromacy



Original Color

74.8830, 0.5507, -36.7314

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2110, -0.1040, -13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8830, 0.5507, -36.7314 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(33, 96, 76)` looks like.

```
.text, #text, p{  
  color:rgb(33, 96, 76)  
}
```

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(33, 96, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 96, 76) }
```

Border

The CSS property to change the border of an element to YUV 74.8830, 0.5507, -36.7314 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(33, 96, 76) }
```


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

```
.border{ border-color:rgb(33, 96, 76) }
```

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

Here you see how a box with a 4 pixel rgb(33, 96, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 96, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 96, 76);  
box-shadow:4px 4px 4px 4px rgb(33, 96, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8830, 0.5507, -36.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 96, 76) }
```

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

```
.background{ background-color: rgb(33, 96,  
76) }
```

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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