

# Converting Colors

YUV(74.9730, 7.4083, -42.9493)

Have a look what the booklet for  
YUV(74.9730, 7.4083, -42.9493)  
contains.

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# Color

**YUV(74.9730, 7.4083,  
-42.9493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A615A
RGB	26, 97, 90
RGB Percent	10%, 38%, 35%
CMY	0.8980, 0.6196, 0.6471
CMYK	0.73, 0.00, 0.07, 0.62
HSL	174°, 58%, 24%
HSV	174°, 73%, 38%
XYZ	6.5462, 9.5072, 11.1629
YIQ	74.9730, -40.0690, -17.2290

# Conversions

## Conversions Part 2

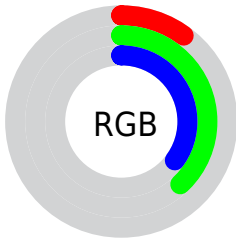
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 63, 97
Decimal	1728858
CIE <sub>Lab</sub>	36.94, -23.25, -2.32
CIE <sub>LCh</sub>	37, 23.366, 185.710
Yxy	9.5072, 0.2405, 0.3493
Android (android.graphics.Color)	4279918938 (0xFF1A615A)
YUV	74.9730, 7.4083, -42.9493
Hunter-Lab	30.8337, -16.0625, 0.1185

# Details

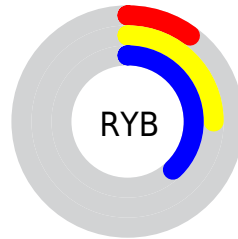
The YUV color **74.9730, 7.4083, -42.9493** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.0270, -7.4083, 42.9493**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3540, 6.2345, -39.7755**, and **34.4800, 5.1864, -30.2390** is the 20% darker color. If you saturate the color by 10%, you get **71.8690, 8.4456, -48.9971**, and if you desaturate by 10%, it is **78.0770, 6.3710, -36.9015**.

# Distribution



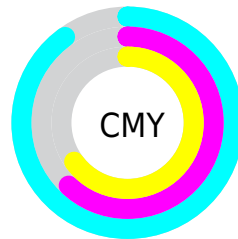
- Red (10%)
- Green (38%)
- Blue (35%)



- Red (10%)
- Yellow (25%)
- Blue (38%)



- Cyan (73%)
- Magenta (0%)
- Yellow (7%)
- Black (62%)



- Cyan (90%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.9730, 7.4083, -42.9493 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 74.9730, 7.4083, -42.9493 by changing the saturation by 10% instead.



■ 74.9730, 7.4083,  
-42.9493

■ 74.9730, 7.4083,  
-42.9493

■ 255.0000, 0.0000,  
0.0000

■ 50.4890, 8.1399,  
-44.2789

■ 127.3540, 6.2345,  
-39.7755

■ 34.4800, 5.1864,  
-30.2390

■ 153.9410, 5.9451,  
-40.2903

■ 20.3460, 1.8014,  
-17.8434

■ 180.9410, 5.9451,  
-40.2903

■ 0.0000, 0.0000,  
0.0000

■ 209.2290, 5.8031,  
-41.4198

■ 234.9950, 7.3975,  
-39.4606

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,  
-4.3034

74.9730, 7.4083,  
-42.9493

74.9730, 7.4083,  
-42.9493

71.8690, 8.4456,  
-48.9971

78.0770, 6.3710,  
-36.9015

69.0640, 9.3354,  
-54.4301

80.8820, 5.4812,  
-31.4685

66.8570, 9.9305,  
-58.6336

83.9860, 4.4439,  
-25.4207

87.0900, 3.4066,  
-19.3729

89.8950, 2.5168,  
-13.9399

■ 92.9990, 1.4795,  
-7.8921

■ 96.1030, 0.4422,  
-1.8443

■ 99.2070, -0.5951,  
4.2035

■ 102.0120, -1.4849,  
9.6365

# Harmonies

## Analogous

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



80.2930, -4.5814, -23.9360



74.9730, 7.4083, -42.9493



69.8600, 18.8030, -57.7592

# Triad

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



74.9730, 7.4083, -42.9493



88.9910, 13.8084, 4.3929



86.4900, -16.5106, 22.3723

# Complementary

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



74.9730, 7.4083, -42.9493



48.0270, -7.4083, 42.9493

# 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.



88.0270, -10.8593, 29.7943



74.9730, 7.4083, -42.9493



89.8530, 6.4815, 21.1769

# Square

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



74.9730, 7.4083, -42.9493



85.5260, 18.9677, -17.1243



88.6170, -2.2762, 30.1539



85.3590, -17.9250, 9.3322



# Rectangle

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



74.9730, 7.4083, -42.9493



74.4960, 20.9545, -47.7930



88.6170, -2.2762, 30.1539



86.8540, -15.2110, 25.5610

# Sweetspot

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



74.9730, 7.4083, -42.9493



116.2860, 2.8170, -16.9138



69.7700, -21.5786, -32.2473



58.6890, 1.6323, -10.2513



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.



74.9730, 7.4083, -42.9493



90.8560, 11.4100, -66.5257



59.3350, 18.5688, -29.2348



46.8040, 0.5896, -2.4591



77.2580, 11.7048, -67.7553



165.5040, 24.8945, -145.1470



# Inverse Universe

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



48.0270, -7.4083, 42.9493



49.1440, -11.4100, 66.5257



63.6650, -18.5688, 29.2348



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470



# Previews

## White Background



This preview shows how the YUV color 74.9730, 7.4083, -42.9493 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 74.9730, 7.4083, -42.9493 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

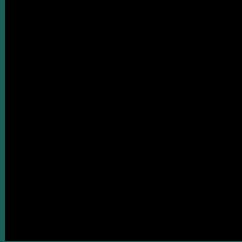
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.9730, 7.4083, -42.9493

## Background



This preview shows how black text looks on a background with the YUV color 74.9730, 7.4083, -42.9493.



This preview shows how white text looks on a background with the YUV color 74.9730, 7.4083, -42.9493.



# 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

74.9730, 7.4083, -42.9493

### Protanopia

86.6690, -1.3158, 2.0443

### Deuteranopia

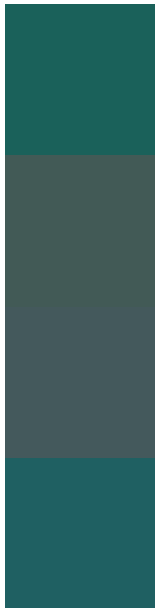
87.4180, 2.7519, 4.0184



## Tritanopia

77.6730, 12.4862, -38.3012

# Trichromacy



## Original Color

74.9730, 7.4083, -42.9493

## Protanomaly

82.3680, 1.7906, -14.3547

## Deuteranomaly

83.0630, 4.4059, -13.2103

## Tritanomaly

76.7930, 10.4551, -40.1605

# Monochromacy



## Original Color

74.9730, 7.4083, -42.9493

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.8840, 2.5222, -15.6843

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.9730, 7.4083, -42.9493 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(26, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(26, 97, 90)  
}
```

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(26, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 97, 90) }
```

## Border

The CSS property to change the border of an element to YUV 74.9730, 7.4083, -42.9493 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(26, 97, 90) }
```



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

```
.border{ border-color:rgb(26, 97, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 97, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(26, 97, 90)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.9730, 7.4083, -42.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 97, 90) }
```

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

```
.background{ background-color: rgb(26, 97,  
90) }
```

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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