

Converting Colors

YUV(74.8190, -2.3758, -31.4133)

Have a look what the booklet for
YUV(74.8190, -2.3758, -31.4133)
contains.

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Color

**YUV(74.8190, -2.3758,
-31.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	275E46
RGB	39, 94, 70
RGB Percent	15%, 37%, 27%
CMY	0.8471, 0.6314, 0.7255
CMYK	0.59, 0.00, 0.26, 0.63
HSL	154°, 41%, 26%
HSV	154°, 59%, 37%
XYZ	5.9449, 8.8789, 7.1948
YIQ	74.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

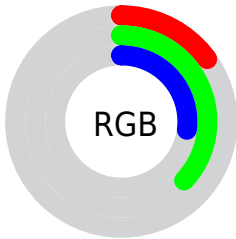
Format	Color
R_{YB}	39, 74, 94
Decimal	2580038
CIE Lab	35.75, -24.59, 8.37
CIE LCh	36, 25.971, 161.205
Yxy	8.8789, 0.2700, 0.4032
Android (android.graphics.Color)	4280770118 (0xFF275E46)
YUV	74.8190, -2.3758, -31.4133
Hunter-Lab	29.7975, -16.5333, 6.5423

Details

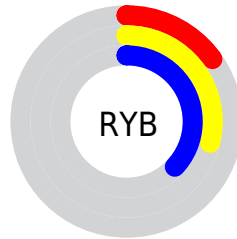
The YUV color **74.8190, -2.3758, -31.4133** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.1810, 2.3758, 31.4133**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1780, -3.5388, -31.7281**, and **30.6670, -1.8078, -26.8950** is the 20% darker color. If you saturate the color by 10%, you get **71.6720, -2.7963, -36.5463**, and if you desaturate by 10%, it is **77.9660, -1.9552, -26.2802**.

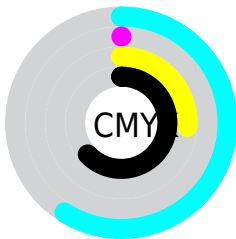
Distribution



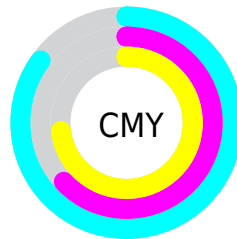
- Red (15%)
- Green (37%)
- Blue (27%)



- Red (15%)
- Yellow (29%)
- Blue (37%)



- Cyan (59%)
- Magenta (0%)
- Yellow (26%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8190, -2.3758, -31.4133 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 74.8190, -2.3758, -31.4133 by changing the saturation by 10% instead.

74.8190, -2.3758,
-31.4133

74.8190, -2.3758,
-31.4133

255.0000, 0.0000,
0.0000

49.8510, -0.9125,
-34.0723

125.1780, -3.5388,
-31.7281

30.6670, -1.8078,
-26.8950

151.7650, -3.8281,
-32.2429

16.4360, -8.1029,
-14.4144

178.3520, -4.1175,
-32.7577

0.0000, 0.0000,
0.0000

206.3520, -4.1175,
-32.7577

234.0530, -3.9701,
-33.3725

245.9160, 3.9854,

-18.3433

254.7010, 0.1474,
-0.6148

■ 74.8190, -2.3758,
-31.4133

■ 74.8190, -2.3758,
-31.4133

■ 71.6720, -2.7963,
-36.5463

■ 77.9660, -1.9552,
-26.2802

■ 68.2260, -3.0694,
-42.2942

■ 81.4120, -1.6821,
-20.5323

■ 65.0790, -3.4899,
-47.4273

■ 84.5590, -1.2616,
-15.3992

■ 61.6330, -3.7631,
-53.1751

■ 88.0050, -0.9885,
-9.6514

■ 61.2200, -4.0525,
-53.6899

■ 91.2660, -0.1311,
-4.6183

■ 94.4130, 0.2894,
0.5148

■ 97.8590, 0.5625,
6.2627

■ 101.0060, 0.9830,
11.3957

■ 104.4520, 1.2562,
17.1436

Harmonies

Analogous

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



79.3780, -13.4974, -10.8555



74.8190, -2.3758, -31.4133



66.1390, 12.2565, -58.0039

Triad

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



74.8190, -2.3758, -31.4133



82.9930, 20.7095, -15.7799



84.4680, -13.0487, 32.0386

Complementary

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



74.8190, -2.3758, -31.4133



58.1810, 2.3758, 31.4133

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.



85.1830, -4.0342, 34.0425



74.8190, -2.3758, -31.4133



86.4260, 14.0870, 8.3964

Square

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



74.8190, -2.3758, -31.4133



73.1310, 24.5854, -45.7189



86.3590, 5.7390, 25.9952



83.2080, -18.8365, 21.7426

Rectangle

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



74.8190, -2.3758, -31.4133



67.1480, 18.6610, -58.8888



86.3590, 5.7390, 25.9952



84.5760, -10.1440, 33.6978

Sweetspot

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



74.8190, -2.3758, -31.4133



114.3960, -0.6882, -12.6253



78.7600, -19.6017, -12.9445



56.4290, -0.7045, -7.3922



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



74.8190, -2.3758, -31.4133



92.3670, -3.6319, -48.5569



75.7940, 8.9756, -32.2683



44.2770, -0.1366, -2.8739



71.6380, -4.7515, -62.8265



154.3950, -10.0547, -135.4044

Inverse Universe

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



58.1810, 2.3758, 31.4133



66.6330, 3.6319, 48.5569



57.2060, -8.9756, 32.2683



42.7230, 0.1366, 2.8739



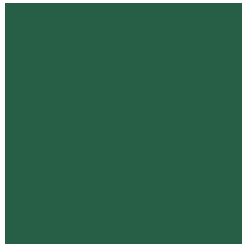
38.3620, 4.7515, 62.8265



82.6050, 10.0547, 135.4044

Previews

White Background



This preview shows how the YUV color 74.8190, -2.3758, -31.4133 looks on a white background.

Color Contrast Check

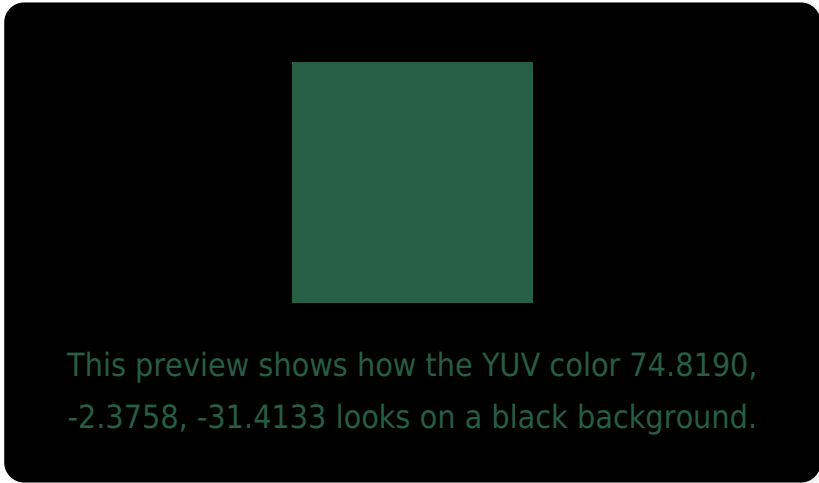
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

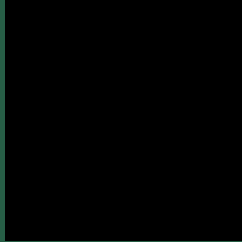
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8190, -2.3758, -31.4133

Background



This preview shows how black text looks on a background with the YUV color 74.8190, -2.3758, -31.4133.



This preview shows how white text looks on a background with the YUV color 74.8190, -2.3758,

-31.4133.

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

74.8190, -2.3758, -31.4133

Protanopia

83.3290, -9.0362, 4.9735

Deuteranopia

84.5730, -5.7055, 10.0215



Tritanopia

78.3540, 9.6855, -26.6205

Trichromacy



Original Color

74.8190, -2.3758, -31.4133

Protanomaly

80.5230, -6.6668, -8.3517

Deuteranomaly

81.1150, -4.4937, -5.3629

Tritanomaly

76.9040, 5.4703, -27.9798

Monochromacy



Original Color

74.8190, -2.3758, -31.4133

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9940, -0.9830, -11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8190, -2.3758, -31.4133 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, 94, 70)` looks like.

```
.text, #text, p{  
    color:rgb(39, 94, 70)  
}
```

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, 94, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 94, 70) }
```

Border

The CSS property to change the border of an element to YUV 74.8190, -2.3758, -31.4133 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, 94, 70) }
```


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

```
.border{ border-color:rgb(39, 94, 70) }
```

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

Here you see how a box with a 4 pixel rgb(39, 94, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 94, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 94, 70);  
box-shadow:4px 4px 4px 4px rgb(39, 94, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8190, -2.3758, -31.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 94, 70) }
```

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

```
.background{ background-color: rgb(39, 94,  
70) }
```

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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