

Converting Colors

YUV(71.3530, -2.1460, -11.7106)

Have a look what the booklet for
YUV(71.3530, -2.1460, -11.7106)
contains.

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Color

**YUV(71.3530, -2.1460,
-11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4F43
RGB	58, 79, 67
RGB Percent	23%, 31%, 26%
CMY	0.7725, 0.6902, 0.7373
CMYK	0.27, 0.00, 0.15, 0.69
HSL	146°, 15%, 27%
HSV	146°, 27%, 31%
XYZ	5.5540, 6.8968, 6.3487
YIQ	71.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

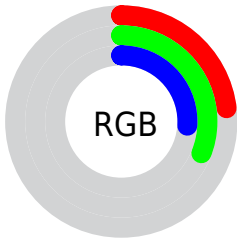
Format	Color
RYB	58, 73, 79
Decimal	3821379
CIELab	31.57, -11.02, 4.46
CIElCh	32, 11.890, 157.946
Yxy	6.8968, 0.2954, 0.3669
Android (android.graphics.Color)	4282011459 (0xFF3A4F43)
YUV	71.3530, -2.1460, -11.7106
Hunter-Lab	26.2617, -8.2073, 4.0500

Details

The YUV color **71.3530, -2.1460, -11.7106** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.6470, 2.1460, 11.7106**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9400, -2.4354, -12.2254**, and **27.7660, -1.8566, -11.1958** is the 20% darker color. If you saturate the color by 10%, you get **68.3910, -3.1508, -16.1289**, and if you desaturate by 10%, it is **74.3150, -1.1413, -7.2923**.

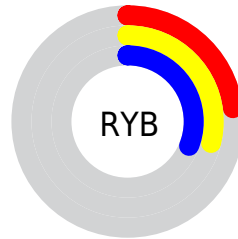
Distribution



 Red (23%)

 Green (31%)

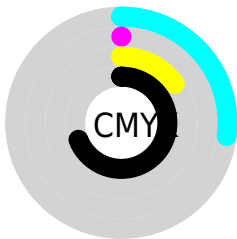
 Blue (26%)



 Red (23%)

 Yellow (29%)

 Blue (31%)

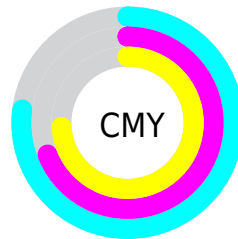



 Cyan (27%)

 Magenta (0%)

 Yellow (15%)

 Black (69%)



 Cyan (77%)

 Magenta (69%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3530, -2.1460, -11.7106 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 71.3530, -2.1460, -11.7106 by changing the saturation by 10% instead.

■ 71.3530, -2.1460,
-11.7106

■ 71.3530, -2.1460,
-11.7106

■ 255.0000, 0.0000,
0.0000

■ 48.7660, -1.8566,
-11.1958

■ 119.9400, -2.4354,
-12.2254

■ 27.7660, -1.8566,
-11.1958

■ 145.5270, -2.7248,
-12.7402

■ 6.4570, -3.1833,
-5.6628

■ 172.2280, -2.5774,
-13.3550

■ 0.0000, 0.0000,
0.0000

■ 199.8150, -2.8668,
-13.8698

■ 227.8150, -2.8668,
-13.8698

■ 249.9450, 0.0271,

-8.7218

■ 71.3530, -2.1460,
-11.7106

■ 71.3530, -2.1460,
-11.7106

■ 68.3910, -3.1508,
-16.1289

■ 74.3150, -1.1413,
-7.2923

■ 65.5430, -3.7187,
-20.6472

■ 77.1630, -0.5734,
-2.7740

■ 62.5810, -4.7234,
-25.0655

■ 80.1250, 0.4314,
1.6444

■ 59.7330, -5.2914,
-29.5838

■ 82.9730, 0.9993,
6.1627

■ 56.7710, -6.2961,
-34.0022

■ 85.9350, 2.0040,
10.5810

■ 54.2220, -7.0114,
-37.9057

■ 88.4840, 2.7194,
14.4845

■ 51.2600, -8.0162,
-42.3240

■ 91.4460, 3.7241,
18.9029

■ 50.2490, -8.0108,
-44.0684

■ 94.2940, 4.2921,
23.4212

■ 97.2560, 5.2968,
27.8395

Harmonies

Analogous

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



72.2570, -6.5357, -3.7334



71.3530, -2.1460, -11.7106



70.5740, 2.6750, -18.0434

Triad

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



71.3530, -2.1460, -11.7106



74.0730, 9.3310, -6.2030



75.4920, -6.1586, 15.3545

Complementary

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



71.3530, -2.1460, -11.7106



65.6470, 2.1460, 11.7106

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.



75.9310, -1.9380, 14.9695



71.3530, -2.1460, -11.7106



75.4440, 6.6831, 3.1186

Square

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



71.3530, -2.1460, -11.7106



72.0180, 9.3581, -14.9248



76.0490, 2.4408, 10.4810



74.1880, -8.4737, 11.2361

Rectangle

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



71.3530, -2.1460, -11.7106



70.1870, 6.3168, -19.4580



76.0490, 2.4408, 10.4810



75.2470, -4.5588, 15.5694

Sweetspot

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



71.3530, -2.1460, -11.7106



99.0380, -1.0047, -4.4183



73.9150, -7.8461, -3.4335



49.1630, -0.5734, -2.7740



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



71.3530, -2.1460, -11.7106



89.9670, -3.4347, -18.3881



72.4930, 2.2220, -12.7104



36.5760, -0.2840, -2.2592



64.8900, -10.2988, -56.9085



146.1820, -23.7537, -128.2016

Inverse Universe

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



65.6470, 2.1460, 11.7106



81.0330, 3.4347, 18.3881



64.5070, -2.2220, 12.7104



35.5380, 0.7208, 2.1592



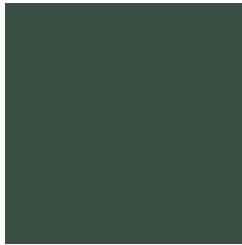
37.1100, 10.2988, 56.9085



83.7040, 23.3169, 128.3016

Previews

White Background



This preview shows how the YUV color 71.3530, -2.1460, -11.7106 looks on a white background.

Color Contrast Check

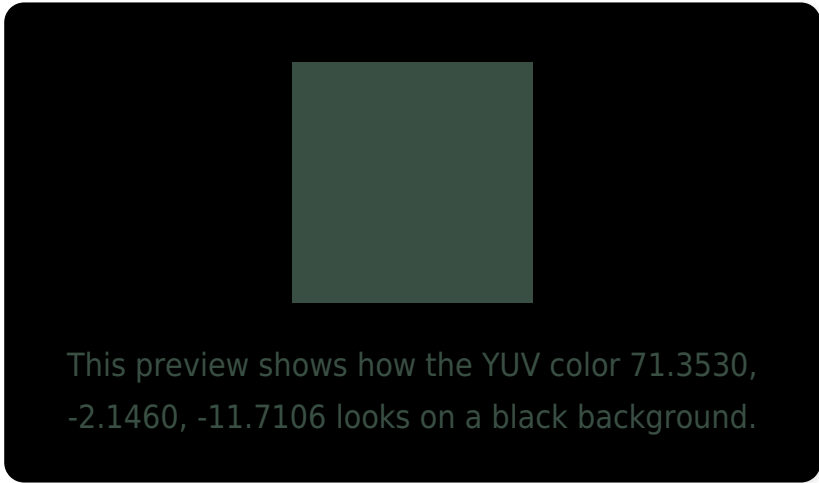
Large Text (above 18pt) WCAG AA ✓ Pass

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

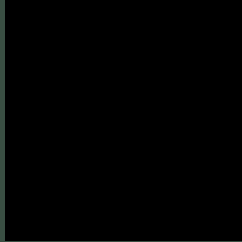
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3530, -2.1460, -11.7106

Background



This preview shows how black text looks on a background with the YUV color 71.3530, -2.1460, -11.7106.



This preview shows how white text looks on a background with the YUV color 71.3530, -2.1460, -11.7106.

-11.7106.

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

71.3530, -2.1460, -11.7106

Protanopia

74.0560, -4.9576, 3.4589

Deuteranopia

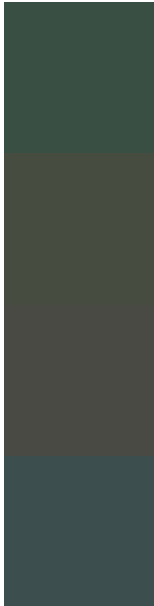
74.3600, -2.6425, 7.5773



Tritanopia

72.9000, 4.9793, -10.4363

Trichromacy



Original Color

71.3530, -2.1460, -11.7106

Protanomaly

73.2510, -4.0677, -1.9741

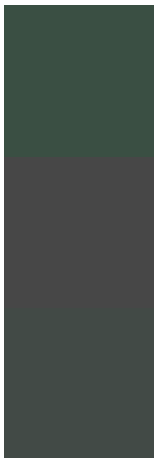
Deuteranomaly

73.3160, -2.6208, 0.5999

Tritanomaly

72.5040, 2.2165, -10.9660

Monochromacy



Original Color

71.3530, -2.1460, -11.7106

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3530, -2.1460, -11.7106 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(58, 79, 67)` looks like.

```
.text, #text, p{  
    color:rgb(58, 79, 67)  
}
```

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(58, 79, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 79, 67) }
```

Border

The CSS property to change the border of an element to YUV 71.3530, -2.1460, -11.7106 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(58, 79, 67) }
```


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

```
.border{ border-color:rgb(58, 79, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 79, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 79, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 79, 67);  
box-shadow:4px 4px 4px 4px rgb(58, 79, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3530, -2.1460, -11.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 79, 67) }
```

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

```
.background{ background-color: rgb(58, 79,  
67) }
```

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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