

Converting Colors

YUV(70.4890, -5.1711, -21.4769)

Have a look what the booklet for
YUV(70.4890, -5.1711, -21.4769)
contains.

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Color

**YUV(70.4890, -5.1711,
-21.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	2E553C
RGB	46, 85, 60
RGB Percent	18%, 33%, 24%
CMY	0.8196, 0.6667, 0.7647
CMYK	0.46, 0.00, 0.29, 0.67
HSL	142°, 30%, 26%
HSV	142°, 46%, 33%
XYZ	5.1908, 7.4041, 5.4305
YIQ	70.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

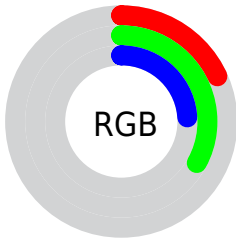
Format	Color
R_{YB}	46, 75, 85
Decimal	3036476
CIE _{Lab}	32.71, -20.25, 10.36
CIE _{LCh}	33, 22.752, 152.904
Yxy	7.4041, 0.2880, 0.4108
Android (android.graphics.Color)	4281226556 (0xFF2E553C)
YUV	70.4890, -5.1711, -21.4769
Hunter-Lab	27.2104, -13.5666, 7.2145

Details

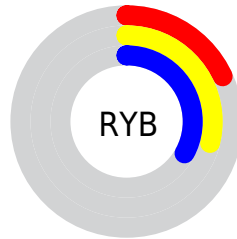
The YUV color **70.4890, -5.1711, -21.4769** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.5110, 5.1711, 21.4769**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5490, -6.1867, -22.4065**, and **24.9450, -3.4239, -21.8768** is the 20% darker color. If you saturate the color by 10%, you get **67.2280, -6.0284, -26.5100**, and if you desaturate by 10%, it is **73.4510, -4.1663, -17.0585**.

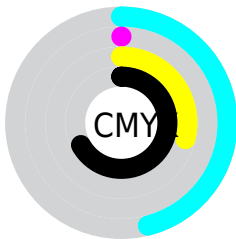
Distribution



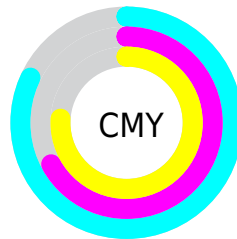
- Red (18%)
- Green (33%)
- Blue (24%)



- Red (18%)
- Yellow (29%)
- Blue (33%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4890, -5.1711, -21.4769 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 70.4890, -5.1711, -21.4769 by changing the saturation by 10% instead.

■ 70.4890, -5.1711,
-21.4769

■ 70.4890, -5.1711,
-21.4769

■ 255.0000, 0.0000,
0.0000

■ 47.6030, -4.7343,
-21.5768

■ 119.5490, -6.1867,
-22.4065

■ 24.9450, -3.4239,
-21.8768

■ 145.2500, -6.0393,
-23.0212

■ 9.9790, -4.9196,
-8.7516

■ 172.1360, -6.4760,
-22.9213

■ 0.0000, 0.0000,
0.0000

■ 199.7230, -6.7654,
-23.4361

■ 228.0110, -6.9074,
-24.5656

■ 245.4450, -1.6984,

-15.2993

■ 70.4890, -5.1711,
-21.4769

■ 70.4890, -5.1711,
-21.4769

■ 67.2280, -6.0284,
-26.5100

■ 73.4510, -4.1663,
-17.0585

■ 64.1520, -7.4699,
-30.8283

■ 76.8260, -2.8722,
-12.1254

■ 60.8910, -8.3273,
-35.8614

■ 79.7880, -1.8675,
-7.7071

■ 57.8150, -9.7688,
-40.1798

■ 83.1630, -0.5734,
-2.7740

■ 54.8530, -10.7735,
-44.5981

■ 86.1250, 0.4314,
1.6444

■ 53.4290, -11.0575,
-46.8572

■ 89.5000, 1.7255,
6.5775

■ 92.4620, 2.7302,
10.9958

■ 95.8370, 4.0244,
15.9290

■ 98.7990, 5.0291,
20.3473

Harmonies

Analogous

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



73.7100, -13.6610, -5.0077



70.4890, -5.1711, -21.4769



64.7560, 6.5293, -41.0050

Triad

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



70.4890, -5.1711, -21.4769



74.5150, 18.9731, -18.8687



77.6570, -9.6909, 28.3648

Complementary

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



70.4890, -5.1711, -21.4769



60.5110, 5.1711, 21.4769

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.



78.8340, -1.3972, 28.2096



70.4890, -5.1711, -21.4769



78.6810, 13.9613, 2.0338

Square

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



70.4890, -5.1711, -21.4769



65.8170, 20.7962, -43.6895



79.6570, 7.0711, 18.7178



76.7180, -15.6370, 22.1723

Rectangle

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



70.4890, -5.1711, -21.4769



60.7420, 14.4242, -53.2707



79.6570, 7.0711, 18.7178



78.3520, -7.0755, 29.5093

Sweetspot

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



70.4890, -5.1711, -21.4769



104.0760, -2.0095, -8.8367



76.3680, -14.9714, -4.7077



52.6250, -1.2941, -4.9331



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.4890, -5.1711, -21.4769



87.3150, -8.0433, -33.6023



72.6550, 3.1281, -23.3764



41.5760, -0.2840, -2.2592



67.1410, -14.3665, -58.8827



147.5210, -31.3159, -129.3759

Inverse Universe

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



60.5110, 5.1711, 21.4769



71.6850, 8.0433, 33.6023



58.3450, -3.1281, 23.3764



40.5380, 0.7208, 2.1592



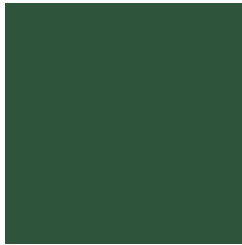
39.8590, 14.3665, 58.8827



87.3650, 30.8791, 129.4759

Previews

White Background



This preview shows how the YUV color 70.4890, -5.1711, -21.4769 looks on a white background.

Color Contrast Check

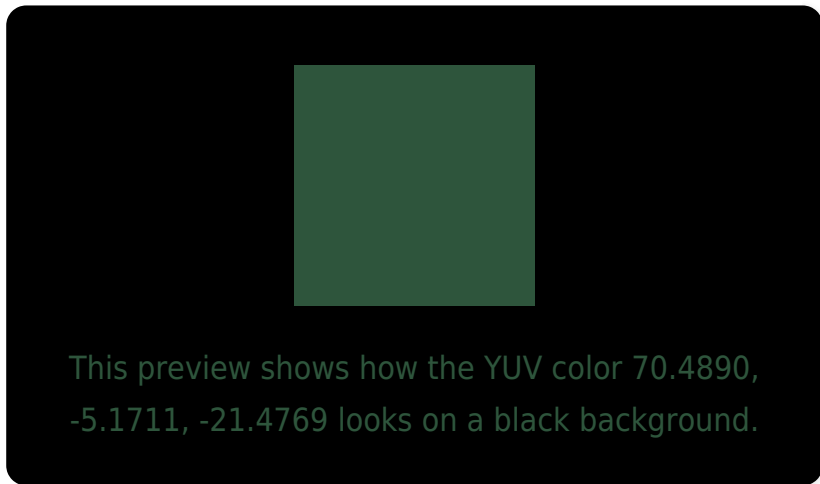
Large Text (above 18pt) WCAG AA ✓ Pass

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

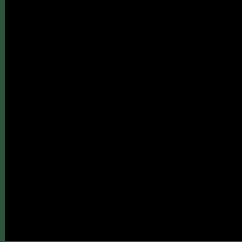
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4890, -5.1711, -21.4769

Background



This preview shows how black text looks on a background with the YUV color 70.4890, -5.1711, -21.4769.



This preview shows how white text looks on a background with the YUV color 70.4890, -5.1711, -21.4769.

-21.4769.

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

70.4890, -5.1711, -21.4769

Protanopia

76.1010, -9.9098, 5.1734

Deuteranopia

77.1170, -7.4527, 10.4214



Tritanopia

73.4260, 7.1850, -17.9136

Trichromacy



Original Color

70.4890, -5.1711, -21.4769

Protanomaly

74.0890, -8.4249, -4.4631

Deuteranomaly

74.5670, -6.6885, -1.3743

Tritanomaly

71.9760, 2.9698, -19.2730

Monochromacy



Original Color

70.4890, -5.1711, -21.4769

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4890, -5.1711, -21.4769 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(46, 85, 60)` looks like.

```
.text, #text, p{  
    color:rgb(46, 85, 60)  
}
```

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(46, 85, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 85, 60) }
```

Border

The CSS property to change the border of an element to YUV 70.4890, -5.1711, -21.4769 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(46, 85, 60) }
```


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

```
.border{ border-color:rgb(46, 85, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 85, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 85, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 85, 60);  
box-shadow:4px 4px 4px 4px rgb(46, 85, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4890, -5.1711, -21.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 85, 60) }
```

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

```
.background{ background-color: rgb(46, 85,  
60) }
```

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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