

Converting Colors

YUV(70.8540, -5.3510, -10.3960)

Have a look what the booklet for
YUV(70.8540, -5.3510, -10.3960)
contains.

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Color

**YUV(70.8540, -5.3510,
-10.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4F3C
RGB	59, 79, 60
RGB Percent	23%, 31%, 24%
CMY	0.7686, 0.6902, 0.7647
CMYK	0.25, 0.00, 0.24, 0.69
HSL	123°, 14%, 27%
HSV	123°, 25%, 31%
XYZ	5.4152, 6.8480, 5.3114
YIQ	70.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

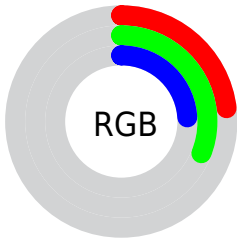
Format	Color
R_{YB}	59, 78, 79
Decimal	3886908
CIE Lab	31.46, -12.17, 8.75
CIE LCh	31, 14.985, 144.281
Yxy	6.8480, 0.3081, 0.3897
Android (android.graphics.Color)	4282076988 (0xFF3B4F3C)
YUV	70.8540, -5.3510, -10.3960
Hunter-Lab	26.1687, -8.8573, 6.2843

Details

The YUV color **70.8540, -5.3510, -10.3960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.1460, 5.3510, 10.3960**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3270, -6.0772, -10.8108**, and **26.7940, -4.3354, -9.4663** is the 20% darker color. If you saturate the color by 10%, you get **67.5500, -7.6661, -14.5143**, and if you desaturate by 10%, it is **74.1580, -3.0359, -6.2776**.

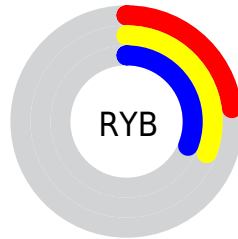
Distribution



 Red (23%)

 Green (31%)

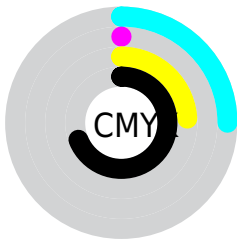
 Blue (24%)



 Red (23%)

 Yellow (31%)

 Blue (31%)

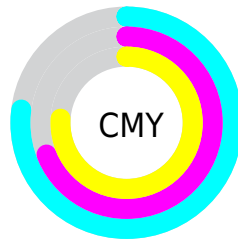


 Cyan (25%)

 Magenta (0%)

 Yellow (24%)

 Black (69%)



 Cyan (77%)

 Magenta (69%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8540, -5.3510, -10.3960 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 70.8540, -5.3510, -10.3960 by changing the saturation by 10% instead.

■ 70.8540, -5.3510,
-10.3960

■ 70.8540, -5.3510,
-10.3960

■ 255.0000, 0.0000,
0.0000

■ 48.2670, -5.0616,
-9.8812

■ 119.3270, -6.0772,
-10.8108

■ 26.7940, -4.3354,
-9.4663

■ 145.0280, -5.9298,
-11.4256

■ 5.8700, -2.8939,
-5.1480

■ 171.6150, -6.2192,
-11.9404

■ 0.0000, 0.0000,
0.0000

■ 199.2020, -6.5086,
-12.4552

■ 227.0880, -6.9454,
-12.3552

■ 249.3320, -3.6147,

-7.3072

■ 70.8540, -5.3510,
-10.3960

■ 70.8540, -5.3510,
-10.3960

■ 67.5500, -7.6661,
-14.5143

■ 74.1580, -3.0359,
-6.2776

■ 64.3600, -9.5445,
-18.7327

■ 77.3480, -1.1576,
-2.0592

■ 61.0560, -11.8596,
-22.8511

■ 80.6520, 1.1576,
2.0592

■ 57.8660, -13.7379,
-27.0695

■ 83.8420, 3.0359,
6.2776

■ 54.8610, -16.2005,
-30.5731

■ 87.1460, 5.3510,
10.3960

■ 51.6710, -18.0788,
-34.7915

■ 90.0370, 7.3768,
13.9996

■ 48.3670, -20.3939,
-38.9099

■ 93.3410, 9.6919,
18.1179

■ 46.8290, -21.1147,
-41.0690

■ 96.5310, 11.5702,
22.3363

■ 99.8350, 13.8853,
26.4547

Harmonies

Analogous

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



72.0680, -9.8935, -0.0596



70.8540, -5.3510, -10.3960



68.8080, 1.0807, -20.0026

Triad

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



70.8540, -5.3510, -10.3960



72.4140, 12.1209, -14.3951



75.4540, -5.1538, 19.7728

Complementary

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



70.8540, -5.3510, -10.3960



67.1460, 5.3510, 10.3960

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.



76.2240, 0.3826, 17.3436



70.8540, -5.3510, -10.3960



74.9210, 9.8989, -1.6847

Square

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



70.8540, -5.3510, -10.3960



69.5330, 11.5692, -24.1464



75.9610, 5.9352, 9.6812



74.8790, -9.8003, 16.7691

Rectangle

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



70.8540, -5.3510, -10.3960



68.5130, 5.1701, -25.0059



75.9610, 5.9352, 9.6812



75.9100, -3.4066, 19.3729

Sweetspot

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



70.8540, -5.3510, -10.3960



98.6960, -2.3151, -4.1184



76.4210, -8.5886, 1.3848



48.9350, -1.4470, -2.5740



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.



70.8540, -5.3510, -10.3960



89.4250, -8.0975, -16.1587



71.9940, -0.9830, -11.3957



36.4620, -0.7208, -2.1592



60.4440, -27.3339, -53.0094



136.2640, -61.7552, -119.5035

Inverse Universe

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



67.1460, 5.3510, 10.3960



83.5750, 8.0975, 16.1587



66.0060, 0.9830, 11.3957



35.6520, 1.1576, 2.0592



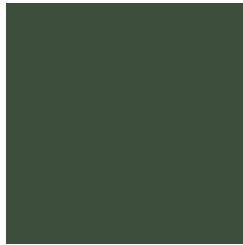
41.5560, 27.3339, 53.0094



93.6220, 61.3184, 119.6035

Previews

White Background



This preview shows how the YUV color 70.8540, -5.3510, -10.3960 looks on a white background.

Color Contrast Check

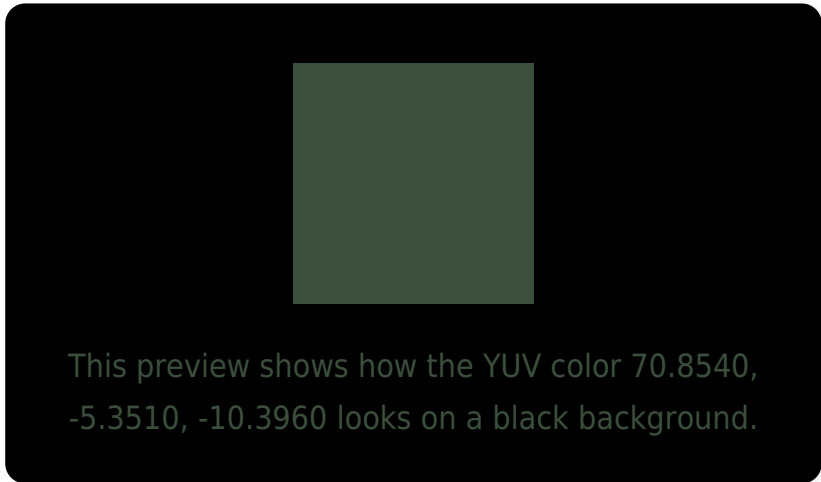
Large Text (above 18pt) WCAG AA ✓ Pass

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

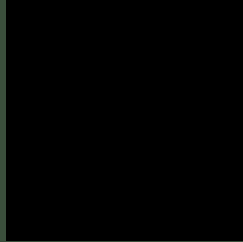
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8540, -5.3510, -10.3960

Background



This preview shows how black text looks on a background with the YUV color 70.8540, -5.3510, -10.3960.



This preview shows how white text looks on a background with the YUV color 70.8540, -5.3510, -10.3960.

-10.3960.

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

70.8540, -5.3510, -10.3960

Protanopia

73.6710, -7.7258, 4.6735

Deuteranopia

74.1600, -5.9949, 9.5067



Tritanopia

72.7970, 4.5371, -8.5920

Trichromacy



Original Color

70.8540, -5.3510, -10.3960

Protanomaly

72.8660, -6.8359, -0.7595

Deuteranomaly

73.1160, -5.9732, 2.5293

Tritanomaly

72.1730, 0.9007, -8.9217

Monochromacy



Original Color

70.8540, -5.3510, -10.3960

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8540, -5.3510, -10.3960 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(59, 79, 60)` looks like.

```
.text, #text, p{  
    color:rgb(59, 79, 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(59, 79, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 79, 60) }
```

Border

The CSS property to change the border of an element to YUV 70.8540, -5.3510, -10.3960 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(59, 79, 60) }
```


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

```
.border{ border-color:rgb(59, 79, 60) }
```

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

Here you see how a box with a 4 pixel rgb(59, 79, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 79, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 79, 60);  
box-shadow:4px 4px 4px 4px rgb(59, 79, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8540, -5.3510, -10.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 79, 60) }
```

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

```
.background{ background-color: rgb(59, 79,  
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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