

Converting Colors

YUV(70.0490, -4.4612, -15.8290)

Have a look what the booklet for
YUV(70.0490, -4.4612, -15.8290)
contains.

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Color

**YUV(70.0490, -4.4612,
-15.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	34513D
RGB	52, 81, 61
RGB Percent	20%, 32%, 24%
CMY	0.7961, 0.6824, 0.7608
CMYK	0.36, 0.00, 0.25, 0.68
HSL	139°, 22%, 26%
HSV	139°, 36%, 32%
XYZ	5.2009, 6.9518, 5.4826
YIQ	70.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

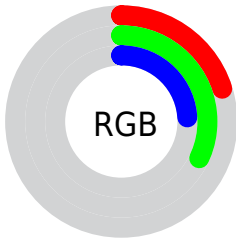
Format	Color
RYB	52, 74, 81
Decimal	3428669
CIELab	31.70, -15.77, 8.38
CIELCh	32, 17.857, 152.003
Yxy	6.9518, 0.2949, 0.3942
Android (android.graphics.Color)	4281618749 (0xFF34513D)
YUV	70.0490, -4.4612, -15.8290
Hunter-Lab	26.3664, -10.9310, 6.1277

Details

The YUV color **70.0490, -4.4612, -15.8290** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.9510, 4.4612, 15.8290**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5220, -5.1873, -16.2438**, and **25.6900, -3.2982, -15.5141** is the 20% darker color. If you saturate the color by 10%, you get **66.9730, -5.9027, -20.1473**, and if you desaturate by 10%, it is **73.1250, -3.0196, -11.5106**.

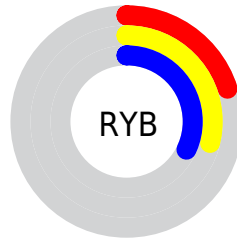
Distribution



Red (20%)

Green (32%)

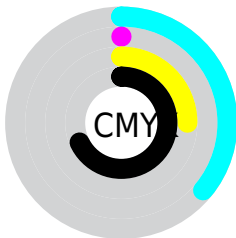
Blue (24%)



Red (20%)

Yellow (29%)

Blue (32%)

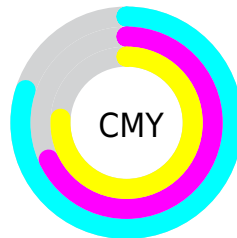


Cyan (36%)

Magenta (0%)

Yellow (25%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0490, -4.4612, -15.8290 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 70.0490, -4.4612, -15.8290 by changing the saturation by 10% instead.

70.0490, -4.4612,
-15.8290

70.0490, -4.4612,
-15.8290

255.0000, 0.0000,
0.0000

47.4620, -4.1718,
-15.3142

118.5220, -5.1873,
-16.2438

25.6900, -3.2982,
-15.5141

144.8100, -5.3293,
-17.3734

7.0440, -3.4727,
-6.1776

171.3970, -5.6187,
-17.8882

0.0000, 0.0000,
0.0000

198.3970, -5.6187,
-17.8882

226.6850, -5.7607,
-19.0177

247.3530, -2.1460,

-11.7106

■ 70.0490, -4.4612,
-15.8290

■ 70.0490, -4.4612,
-15.8290

■ 66.9730, -5.9027,
-20.1473

■ 73.1250, -3.0196,
-11.5106

■ 64.0110, -6.9074,
-24.5656

■ 76.0870, -2.0149,
-7.0923

■ 60.9350, -8.3490,
-28.8840

■ 79.1630, -0.5734,
-2.7740

■ 57.9730, -9.3537,
-33.3023

■ 82.1250, 0.4314,
1.6444

■ 54.5980, -10.6478,
-38.2354

■ 85.5000, 1.7255,
6.5775

■ 51.5220, -12.0893,
-42.5538

■ 88.5760, 3.1670,
10.8958

■ 50.3970, -12.5207,
-44.1982

■ 91.5380, 4.1718,
15.3142

■ 94.6140, 5.6133,
19.6325

■ 97.5760, 6.6180,
24.0508

Harmonies

Analogous

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



71.8180, -10.7563, -3.3484



70.0490, -4.4612, -15.8290



67.4480, 3.7231, -27.5799

Triad

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



70.0490, -4.4612, -15.8290



73.2830, 14.1575, -14.2802



75.4930, -7.6380, 23.2466

Complementary

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



70.0490, -4.4612, -15.8290



62.9510, 4.4612, 15.8290

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.



76.2030, -1.0861, 21.7470



70.0490, -4.4612, -15.8290



76.1710, 10.7617, 1.6040

Square

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



70.0490, -4.4612, -15.8290



69.3090, 14.6377, -28.3350



76.5810, 5.6296, 14.3995



74.6080, -12.1317, 17.8838

Rectangle

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



70.0490, -4.4612, -15.8290



66.1960, 9.2704, -33.4979



76.5810, 5.6296, 14.3995



76.0630, -5.4541, 22.7467

Sweetspot

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



70.0490, -4.4612, -15.8290



100.5000, -1.7255, -6.5775



75.0030, -11.3405, -2.6336



51.3370, -1.1521, -3.8035



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.0490, -4.4612, -15.8290



88.0110, -6.9074, -24.5656



71.6450, 1.6540, -17.2287



39.4620, -0.7208, -2.1592



65.2830, -16.4085, -57.2532



144.3920, -35.6893, -126.6318

Inverse Universe

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



62.9510, 4.4612, 15.8290



76.9890, 6.9074, 24.5656



61.3550, -1.6540, 17.2287



38.5380, 0.7208, 2.1592



39.6030, 15.9717, 57.3532



87.6080, 35.6893, 126.6318

Previews

White Background



This preview shows how the YUV color 70.0490, -4.4612, -15.8290 looks on a white background.

Color Contrast Check

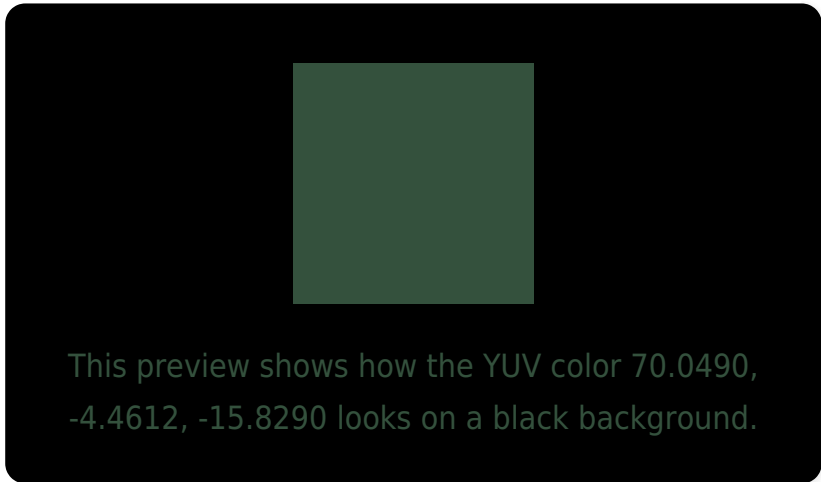
Large Text (above 18pt) WCAG AA ✓ Pass

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

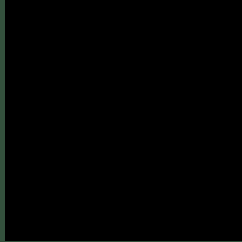
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.0490, -4.4612, -15.8290

Background



This preview shows how black text looks on a background with the YUV color 70.0490, -4.4612, -15.8290.



This preview shows how white text looks on a background with the YUV color 70.0490, -4.4612, -15.8290.

-15.8290.

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

70.0490, -4.4612, -15.8290

Protanopia

73.6710, -7.7258, 4.6735

Deuteranopia

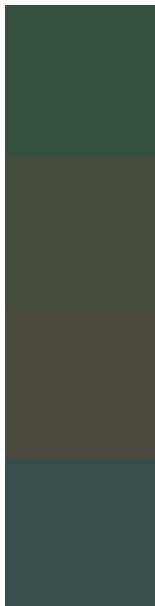
75.1600, -5.9949, 9.5067



Tritanopia

72.4050, 5.7163, -13.5102

Trichromacy



Original Color

70.0490, -4.4612, -15.8290

Protanomaly

72.5560, -6.6831, -3.1186

Deuteranomaly

73.2190, -5.5310, 0.6849

Tritanomaly

71.4820, 2.2274, -14.4547

Monochromacy



Original Color

70.0490, -4.4612, -15.8290

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0490, -4.4612, -15.8290 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(52, 81, 61)` looks like.

```
.text, #text, p{  
    color:rgb(52, 81, 61)  
}
```

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(52, 81, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 81, 61) }
```

Border

The CSS property to change the border of an element to YUV 70.0490, -4.4612, -15.8290 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(52, 81, 61) }
```


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

```
.border{ border-color:rgb(52, 81, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 81, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 81, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 81, 61);  
box-shadow:4px 4px 4px 4px rgb(52, 81, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0490, -4.4612, -15.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 81, 61) }
```

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

```
.background{ background-color: rgb(52, 81,  
61) }
```

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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