

Converting Colors

YUV(70.6890, -18.5807,
-13.7593)

Have a look what the booklet for
YUV(70.6890, -18.5807, -13.7593)
contains.

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Color

**YUV(70.6890, -18.5807,
-13.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	375621
RGB	55, 86, 33
RGB Percent	22%, 34%, 13%
CMY	0.7843, 0.6627, 0.8706
CMYK	0.36, 0.00, 0.62, 0.66
HSL	95°, 45%, 23%
HSV	95°, 62%, 34%
XYZ	5.1779, 7.5776, 2.6286
YIQ	70.6890, -1.4630, -23.0550

Conversions

Conversions Part 2

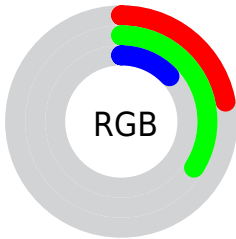
Format	Color
RYB	33, 86, 64
Decimal	3626529
CIELab	33.09, -22.04, 26.83
CIElCh	33, 34.722, 129.402
Yxy	7.5776, 0.3366, 0.4926
Android (android.graphics.Color)	4281816609 (0xFF375621)
YUV	70.6890, -18.5807, -13.7593
Hunter-Lab	27.5275, -14.5976, 13.6077

Details


The YUV color **70.6890, -18.5807, -13.7593** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **48.3110, 18.5807, 13.7593**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9340, -20.1805, -13.9741**, and **26.4700, -13.0497, -14.4442** is the 20% darker color. If you saturate the color by 10%, you get **68.1680, -21.7748, -15.9333**, and if you desaturate by 10%, it is **73.2100, -15.3865, -11.5852**.

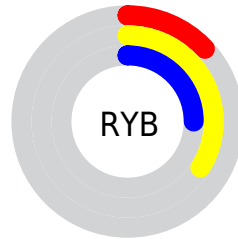
Distribution



 Red (22%)

 Green (34%)

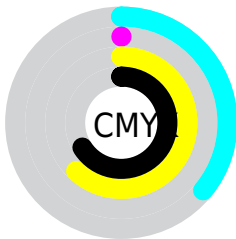
 Blue (13%)




 Red (13%)

 Yellow (34%)

 Blue (25%)

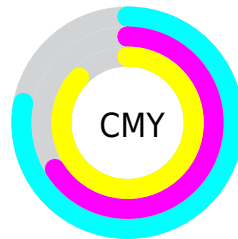


 Cyan (36%)


 Magenta (0%)

 Yellow (62%)

 Black (66%)



 Cyan (78%)

 Magenta (66%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6890, -18.5807, -13.7593 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 70.6890, -18.5807, -13.7593 by changing the saturation by 10% instead.

■ 70.6890, -18.5807,
-13.7593

■ 70.6890, -18.5807,
-13.7593

255.0000, 0.0000,
0.0000

■ 47.3900, -18.4333,
-14.3740

■ 119.9340,
-20.1805, -13.9741

■ 26.4700, -13.0497,
-14.4442

■ 145.8200,
-20.6173, -13.8741

■ 11.1530, -5.4984,
-9.7812

■ 172.2930,
-21.3434, -14.2890

■ 0.0000, 0.0000,
0.0000

■ 200.1790,
-21.7802, -14.1890

■ 228.6520,
-22.5064, -14.6038

■ 245.3850,

-17.4448, -4.7226

253.1760, -6.9888,
1.5996

70.6890, -18.5807,
-13.7593

70.6890, -18.5807,
-13.7593

68.1680, -21.7748,
-15.9333

73.2100, -15.3865,
-11.5852

65.7610, -24.5322,
-18.2074

75.6170, -12.6292,
-9.3111

63.2400, -27.7263,
-20.3815

78.1380, -9.4350,
-7.1370

61.2460, -30.1943,
-22.1407

80.5450, -6.6777,
-4.8630

83.0660, -3.4835,
-2.6889

■ 85.5870, -0.2894,
-0.5148

■ 87.9940, 2.4680,
1.7593

■ 90.5150, 5.6621,
3.9333

■ 92.9220, 8.4195,
6.2074

Harmonies

Analogous

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



73.9540, -27.0923, 9.6873



70.6890, -18.5807, -13.7593



59.4420, -0.7109, -52.1306

Triad

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



70.6890, -18.5807, -13.7593



65.1880, 31.4593, -57.1699



77.3630, -3.6300, 44.4086

Complementary

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



70.6890, -18.5807, -13.7593



48.3110, 18.5807, 13.7593

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.



79.3260, 9.2063, 33.9171



70.6890, -18.5807, -13.7593



73.0930, 29.0412, -28.1456

Square

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



70.6890, -18.5807, -13.7593



65.5980, 22.8762, -57.5294



80.2180, 19.6125, 9.4558



76.7250, -16.1334, 41.4602

Rectangle

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



70.6890, -18.5807, -13.7593



62.0810, 6.8621, -54.4450



80.2180, 19.6125, 9.4558



77.9050, 1.0328, 42.1793

Sweetspot

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



70.6890, -18.5807, -13.7593



106.1320, -6.9671, -5.3778



67.0440, -16.7837, 16.6244



52.5390, -4.2097, -3.1037



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.



70.6890, -18.5807, -13.7593



88.1860, -29.1787, -21.2111



64.5670, -13.5905, -27.6843



41.9460, -1.4524, -0.8296



75.9650, -37.4507, -28.0333



166.9480, -82.3054, -61.3444

Inverse Universe

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



48.3110, 18.5807, 13.7593



53.1130, 29.0313, 21.8259



54.4330, 13.5905, 27.6843



40.3530, 1.3050, 1.4444



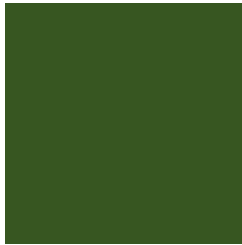
31.0350, 37.4507, 28.0333



67.7530, 82.4528, 60.7296

Previews

White Background



This preview shows how the YUV color 70.6890, -18.5807, -13.7593 looks on a white background.

Color Contrast Check

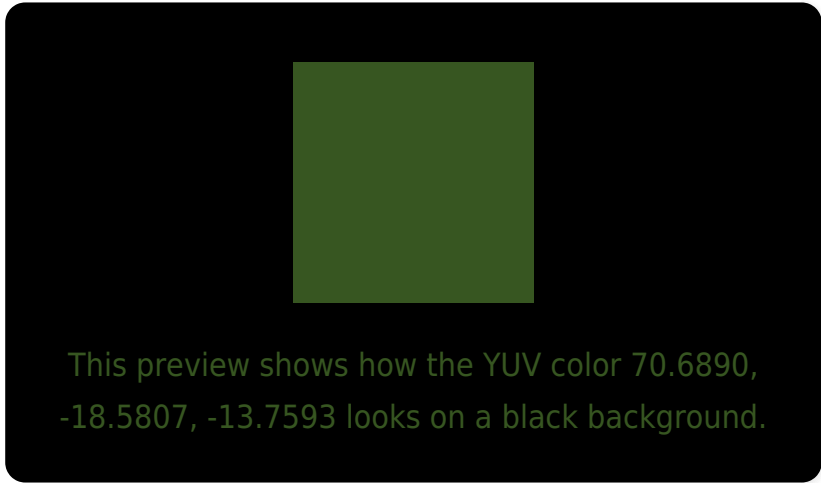
Large Text (above 18pt) WCAG AA ✓ Pass

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

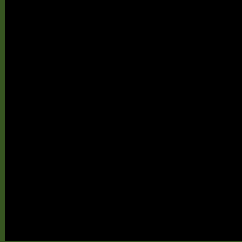
Any Text WCAG AA × Fail

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 70.6890, -18.5807, -13.7593 Background



This preview shows how black text looks on a background with the YUV color 70.6890, -18.5807, -13.7593.



This preview shows how white text looks on a background with the YUV color 70.6890, -18.5807, -13.7593.

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

70.6890, -18.5807, -13.7593

Protanopia

75.3330, -21.8562, 10.2320

Deuteranopia

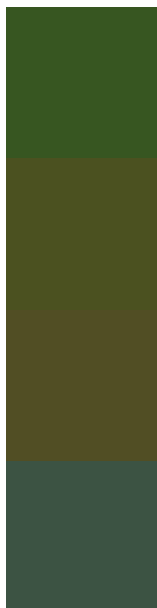
76.3600, -19.4045, 17.2243



Tritanopia

76.3020, 5.2741, -11.6659

Trichromacy



Original Color

70.6890, -18.5807, -13.7593

Protanomaly

73.6200, -20.5187, 1.2103

Deuteranomaly

74.1090, -18.7877, 6.0434

Tritanomaly

74.2990, -3.5984, -12.5402

Monochromacy



Original Color

70.6890, -18.5807, -13.7593

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.5450, -6.6777, -4.8630

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6890, -18.5807, -13.7593 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(55, 86, 33)` looks like.

```
.text, #text, p{  
    color:rgb(55, 86, 33)  
}
```

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(55, 86, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 86, 33) }
```

Border

The CSS property to change the border of an element to YUV 70.6890, -18.5807, -13.7593 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(55, 86, 33) }
```


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

```
.border{ border-color:rgb(55, 86, 33) }
```

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

Here you see how a box with a 4 pixel rgb(55, 86, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 86, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 86, 33);  
box-shadow:4px 4px 4px 4px rgb(55, 86, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6890, -18.5807, -13.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 86, 33) }
```

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

```
.background{ background-color: rgb(55, 86,  
33) }
```

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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