

Converting Colors

YUV(54.4890, -12.0731,
-47.7869)

Have a look what the booklet for
YUV(54.4890, -12.0731, -47.7869)
contains.

YUV(54.4890, -12.0731, -47.7869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(54.4890, -12.0731,
-47.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	00571E
RGB	0, 87, 30
RGB Percent	0%, 34%, 12%
CMY	1.0000, 0.6588, 0.8824
CMYK	1.00, 0.00, 0.66, 0.66
HSL	141°, 100%, 17%
HSV	141°, 100%, 34%
XYZ	3.6425, 6.9101, 2.3701
YIQ	54.4890, -33.5550, -36.1710

Conversions

Conversions Part 2

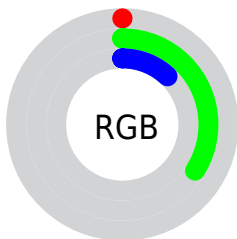
Format	Color
RYB	0, 65, 87
Decimal	22302
CIELab	31.60, -36.60, 26.23
CIELCh	32, 45.031, 144.376
Yxy	6.9101, 0.2819, 0.5347
Android (android.graphics.Color)	4278212382 (0xFF00571E)
YUV	54.4890, -12.0731, -47.7869
Hunter-Lab	26.2871, -21.2682, 13.0553

Details

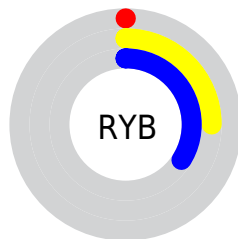
The YUV color **54.4890, -12.0731, -47.7869** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **32.5110, 12.0731, 47.7869**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1050, -16.3208, -38.6801**, and **24.0670, -11.8650, -21.1068** is the 20% darker color. If you saturate the color by 10%, you get **54.4890, -12.0731, -47.7869**, and if you desaturate by 10%, it is **57.8640, -10.7790, -42.8537**.

Distribution



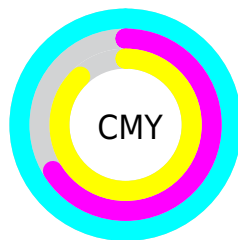
- Red (0%)
- Green (34%)
- Blue (12%)



- Red (0%)
- Yellow (25%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4890, -12.0731, -47.7869 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 54.4890, -12.0731, -47.7869 by changing the saturation by 10% instead.

■ 54.4890, -12.0731,
-47.7869

■ 54.4890, -12.0731,
-47.7869

255.0000, 0.0000,
0.0000

■ 37.7790, -15.1740,
-33.1322

■ 109.1050,
-16.3208, -38.6801

■ 24.0670, -11.8650,
-21.1068

■ 135.8770,
-17.1944, -38.4801

■ 6.4570, -3.1833,
-5.6628

■ 162.6490,
-18.0680, -38.2802

■ 0.0000, 0.0000,
0.0000


■ 190.1220,
-18.7941, -38.6950


■ 218.2960,
-19.3729, -39.7246


■ 233.6810,


-13.1537, -27.7842


 245.2450, -5.0508,
-13.3699


 54.4890, -12.0731,
-47.7869

 57.8640, -10.7790,
-42.8537

 60.8260, -9.7742,
-38.4354

 64.2010, -8.4801,
-33.5023

 67.5760, -7.1860,
-28.5692

 70.8370, -6.3286,
-23.5360

■ 73.9130, -4.8871,
-19.2177

■ 77.2880, -3.5930,
-14.2846

■ 80.6630, -2.2989,
-9.3515

■ 83.6250, -1.2941,
-4.9331

Harmonies

Analogous

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



66.3840, -32.7273, -2.9678



54.4890, -12.0731, -47.7869



60.3540, 2.7835, -52.9305

Triad

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



54.4890, -12.0731, -47.7869



64.0770, 39.8950, -56.1955



69.3170, -10.5093, 57.6040

Complementary

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



54.4890, -12.0731, -47.7869



32.5110, 12.0731, 47.7869

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.



70.9480, 5.9416, 54.4196



54.4890, -12.0731, -47.7869



73.4030, 32.3393, -12.6314

Square

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



54.4890, -12.0731, -47.7869



66.5900, 31.7541, -58.3994



76.0510, 19.6949, 29.7733



70.1740, -27.2008, 44.5744

Rectangle

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



54.4890, -12.0731, -47.7869



63.2040, 13.7034, -55.4299



76.0510, 19.6949, 29.7733



69.4080, -5.1311, 59.2782

Sweetspot

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



54.4890, -12.0731, -47.7869



99.6250, -4.7451, -18.0881



68.4110, -33.7266, -9.1304



48.5380, -2.7302, -10.9958



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.



54.4890, -12.0731, -47.7869



70.1900, -15.3767, -61.5566



59.2770, 6.2724, -51.9859



41.5760, -0.2840, -2.2592



67.0270, -14.8033, -58.7827



147.1790, -32.6262, -129.0760

Inverse Universe

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



32.5110, 12.0731, 47.7869



41.9240, 15.8135, 61.4567



27.7230, -6.2724, 51.9859



40.5380, 0.7208, 2.1592



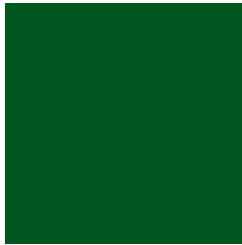
39.9730, 14.8033, 58.7827



87.8210, 32.6262, 129.0760

Previews

White Background



This preview shows how the YUV color 54.4890, -12.0731, -47.7869 looks on a white background.

Color Contrast Check

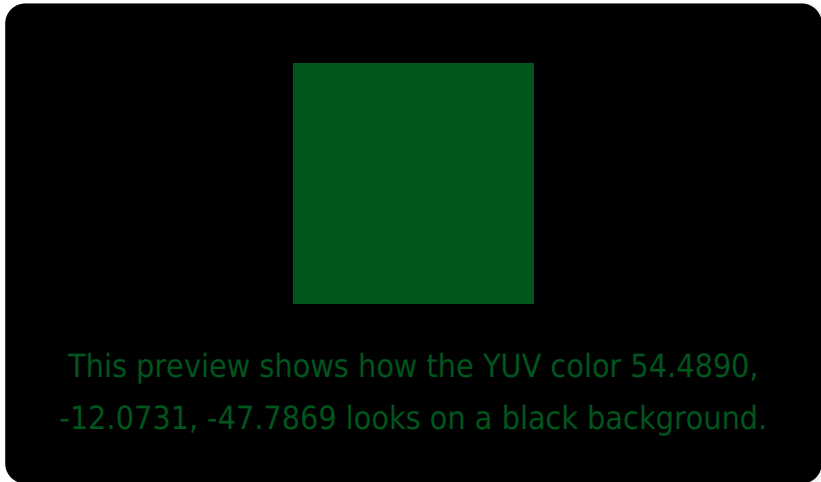
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4890, -12.0731, -47.7869

Background



This preview shows how black text looks on a background with the YUV color 54.4890, -12.0731, -47.7869.



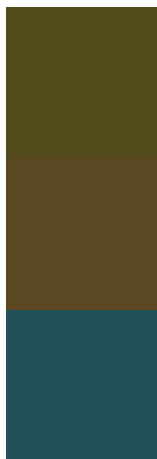
This preview shows how white text looks on a background with the YUV color 54.4890, -12.0731, -47.7869.

-47.7869.

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



Protanopia

71.9200, -22.1456, 9.7172

Deuteranopia

73.1750, -18.8203, 16.5095

Tritanopia

68.0440, 9.8383, -28.9796

Trichromacy



Protanomaly

65.4120, -18.4441, -10.8853

Deuteranomaly

66.6020, -16.5658, -6.6670

Tritanomaly

62.9370, 2.0031, -35.9017

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0380, -4.4557, -17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4890, -12.0731, -47.7869 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(0, 87, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 30)  
}
```

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(0, 87, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 30) }
```

Border

The CSS property to change the border of an element to YUV 54.4890, -12.0731, -47.7869 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(0, 87, 30) }
```

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

```
.border{ border-color:rgb(0, 87, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 87, 30); box-shadow:4px  
4px 4px 4px rgb(0, 87, 30) }
```


Background

The CSS property to change the background color of an element to YUV 54.4890, -12.0731, -47.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 30) }
```

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

```
.background{ background-color: rgb(0, 87,  
30) }
```

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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