

Converting Colors

YUV(52.5130, -18.4939,
-41.6689)

Have a look what the booklet for
YUV(52.5130, -18.4939, -41.6689)
contains.

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Color

**YUV(52.5130, -18.4939,
-41.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	05540F
RGB	5, 84, 15
RGB Percent	2%, 33%, 6%
CMY	0.9804, 0.6706, 0.9412
CMYK	0.94, 0.00, 0.82, 0.67
HSL	128°, 89%, 17%
HSV	128°, 94%, 33%
XYZ	3.3191, 6.4074, 1.5138
YIQ	52.5130, -24.9350, -38.2070

Conversions

Conversions Part 2

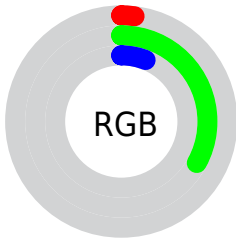
Format	Color
RYB	5, 75, 84
Decimal	349199
CIELab	30.42, -36.65, 31.94
CIELCh	30, 48.612, 138.926
Yxy	6.4074, 0.2953, 0.5700
Android (android.graphics.Color)	4278539279 (0xFF05540F)
YUV	52.5130, -18.4939, -41.6689
Hunter-Lab	25.3128, -20.8918, 14.1733

Details

The YUV color **52.5130, -18.4939, -41.6689** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **36.4870, 18.4939, 41.6689**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4600, -21.4258, -34.6064**, and **22.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **50.5620, -19.5041, -44.3429**, and if you desaturate by 10%, it is **55.7030, -16.6156, -37.4505**.

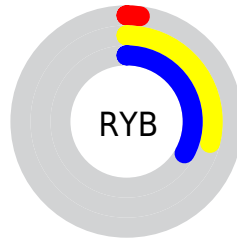
Distribution



Red (2%)

Green (33%)

Blue (6%)



Red (2%)

Yellow (29%)

Blue (33%)

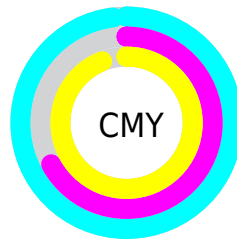


Cyan (94%)

Magenta (0%)

Yellow (82%)

Black (67%)



Cyan (98%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5130, -18.4939, -41.6689 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 52.5130, -18.4939, -41.6689 by changing the saturation by 10% instead.

■ 52.5130, -18.4939,
-41.6689

■ 52.5130, -18.4939,
-41.6689

■ 254.3160, -2.6208,
0.5999

■ 35.2200, -17.3635,
-30.8879

■ 106.4600,
-21.4258, -34.6064

■ 22.8930, -11.2862,
-20.0772

■ 132.5310,
-22.4468, -33.7917

■ 1.7610, -0.8682,
-1.5444

■ 159.0040,
-23.1730, -34.2065


■ 0.0000, 0.0000,
0.0000


■ 186.4770,
-23.8992, -34.6213


■ 214.9500,
-24.6253, -35.0361


■ 232.2700,


-19.8531, -25.6698


 244.1330,
-11.8976, -10.6406


 52.5130, -18.4939,
-41.6689


 52.5130, -18.4939,
-41.6689


 50.5620, -19.5041,
-44.3429

 55.7030, -16.6156,
-37.4505

 59.3060, -14.4479,
-32.7174

 62.4960, -12.5695,
-28.4990

 65.9850, -10.8386,
-23.6658

 69.2890, -8.5235,
-19.5475

■ 72.4790, -6.6451,
-15.3291

■ 75.9680, -4.9142,
-10.4959

■ 79.2720, -2.5991,
-6.3775

■ 82.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



64.6340, -31.8646, 0.3210



52.5130, -18.4939, -41.6689



57.4530, -0.7163, -50.3863

Triad

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



52.5130, -18.4939, -41.6689



63.7180, 41.0580, -55.8807



63.0990, -6.4578, 64.8112

Complementary

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



52.5130, -18.4939, -41.6689



36.4870, 18.4939, 41.6689

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.



66.1100, 10.2988, 56.9085



52.5130, -18.4939, -41.6689



65.6010, 38.6507, -30.3451

Square

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



52.5130, -18.4939, -41.6689



65.0740, 31.0225, -57.0699



73.1690, 24.0737, 25.2848



66.4460, -26.3489, 51.3519

Rectangle

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



52.5130, -18.4939, -41.6689



61.0040, 10.3510, -53.5005



73.1690, 24.0737, 25.2848



62.7060, -0.3481, 65.1558

Sweetspot

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



52.5130, -18.4939, -41.6689



97.6530, -7.2239, -16.3587



72.3030, -33.1804, 2.3653



48.3810, -4.6248, -9.9811



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.



52.5130, -18.4939, -41.6689



66.1660, -25.7178, -58.0276



56.9590, -1.4588, -45.5680



39.3480, -1.1576, -2.0592



63.1170, -24.7077, -55.3536



139.4900, -54.4716, -122.3327

Inverse Universe

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



36.4870, 18.4939, 41.6689



43.8340, 25.7178, 58.0276



32.0410, 1.4588, 45.5680



38.5380, 0.7208, 2.1592



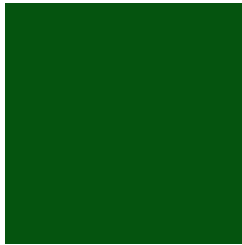
41.7690, 24.2709, 55.4536



92.5100, 54.4716, 122.3327

Previews

White Background



This preview shows how the YUV color 52.5130, -18.4939, -41.6689 looks on a white background.

Color Contrast Check

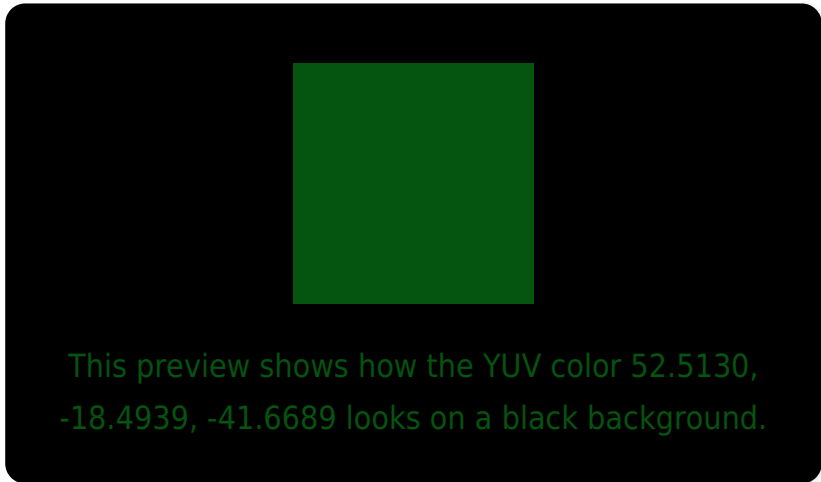
Large Text (above 18pt) WCAG AA ✓ Pass

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

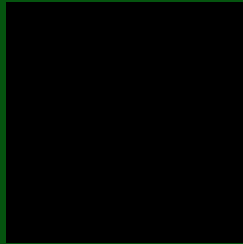
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5130, -18.4939, -41.6689

Background



This preview shows how black text looks on a background with the YUV color 52.5130, -18.4939, -41.6689.



This preview shows how white text looks on a background with the YUV color 52.5130, -18.4939,

-41.6689.

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

52.5130, -18.4939, -41.6689

Protanopia

67.8510, -27.5345, 11.5317

Deuteranopia

69.4480, -22.8989, 18.0241



Tritanopia

65.9410, 9.3961, -27.1353

Trichromacy



Original Color

52.5130, -18.4939, -41.6689

Protanomaly

61.9410, -24.1279, -7.8413

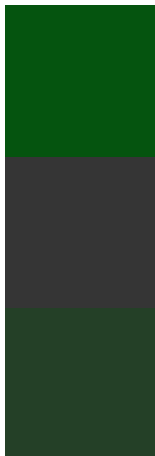
Deuteranomaly

63.3590, -21.3760, -3.8228

Tritanomaly

60.9760, -0.4812, -32.4280

Monochromacy



Original Color

52.5130, -18.4939, -41.6689

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7780, -6.7926, -14.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5130, -18.4939, -41.6689 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(5, 84, 15)` looks like.

```
.text, #text, p{  
    color:rgb(5, 84, 15)  
}
```

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(5, 84, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 84, 15) }
```

Border

The CSS property to change the border of an element to YUV 52.5130, -18.4939, -41.6689 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(5, 84, 15) }
```


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

```
.border{ border-color:rgb(5, 84, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 84, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 84, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 84, 15); box-shadow:4px  
4px 4px 4px rgb(5, 84, 15) }
```

Background

The CSS property to change the background color of an element to YUV 52.5130, -18.4939, -41.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 84, 15) }
```

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

```
.background{ background-color: rgb(5, 84,  
15) }
```

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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