

Converting Colors

YUV(54.5400, -19.4932,
-47.8316)

Have a look what the booklet for
YUV(54.5400, -19.4932, -47.8316)
contains.

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Color

**YUV(54.5400, -19.4932,
-47.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	005A0F
RGB	0, 90, 15
RGB Percent	0%, 35%, 6%
CMY	1.0000, 0.6471, 0.9412
CMYK	1.00, 0.00, 0.83, 0.65
HSL	130°, 100%, 18%
HSV	130°, 100%, 35%
XYZ	3.7424, 7.3468, 1.6728
YIQ	54.5400, -29.5650, -42.4050

Conversions

Conversions Part 2

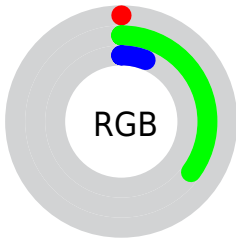
Format	Color
RYB	0, 77, 90
Decimal	23055
CIELab	32.58, -39.31, 34.05
CIELCh	33, 52.005, 139.106
Yxy	7.3468, 0.2932, 0.5757
Android (android.graphics.Color)	4278213135 (0xFF005A0F)
YUV	54.5400, -19.4932, -47.8316
Hunter-Lab	27.1050, -22.7883, 15.3145

Details

The YUV color **54.5400, -19.4932, -47.8316** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **35.4600, 19.4932, 47.8316**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0960, -22.7253, -37.7952**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **54.5400, -19.4932, -47.8316**, and if you desaturate by 10%, it is **58.0290, -17.7623, -42.9984**.

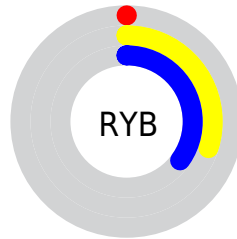
Distribution



Red (0%)

Green (35%)

Blue (6%)



Red (0%)

Yellow (30%)

Blue (35%)

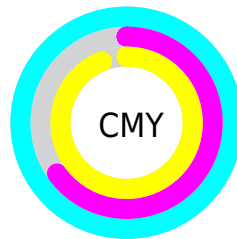


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5400, -19.4932, -47.8316 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 54.5400, -19.4932, -47.8316 by changing the saturation by 10% instead.

■ 54.5400, -19.4932,
-47.8316

■ 54.5400, -19.4932,
-47.8316

■ 254.5440, -1.7472,
0.3999

■ 38.7420, -19.0998,
-33.9767

■ 110.0960,
-22.7253, -37.7952

■ 25.2410, -12.4438,
-22.1364

■ 136.7540,
-24.0357, -37.4953

■ 9.3920, -4.6303,
-8.2368

■ 163.5260,
-24.9093, -37.2953

■ 0.0000, 0.0000,
0.0000

■ 191.9990,
-25.6355, -37.7101


■ 220.3580,
-26.7985, -38.0250


■ 233.0960,


-19.2743, -24.6402


 244.9590,
-11.3188, -9.6110


 54.5400, -19.4932,
-47.8316

 58.0290, -17.7623,
-42.9984

 61.6320, -15.5946,
-38.2653

 65.2350, -13.4269,
-33.5321

 68.7240, -11.6959,
-28.6989

 72.3270, -9.5282,
-23.9658

■ 75.8160, -7.7973,
-19.1326

■ 79.4190, -5.6296,
-14.3995

■ 82.9080, -3.8986,
-9.5663

■ 86.5110, -1.7309,
-4.8331

Harmonies

Analogous

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



69.3520, -34.1905, -0.3087



54.5400, -19.4932, -47.8316



62.0180, -0.9949, -54.3898

Triad

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



54.5400, -19.4932, -47.8316



68.4940, 44.1265, -60.0692



67.0180, -6.9109, 70.1442

Complementary

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



54.5400, -19.4932, -47.8316



35.4600, 19.4932, 47.8316

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.



69.7840, 11.4455, 62.4564



54.5400, -19.4932, -47.8316



69.2030, 42.2979, -33.5040

Square

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



54.5400, -19.4932, -47.8316



70.3230, 33.3648, -61.6733



77.7610, 26.2468, 28.2736



70.7840, -28.9805, 55.4404

Rectangle

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



54.5400, -19.4932, -47.8316



65.2100, 11.2355, -57.1892



77.7610, 26.2468, 28.2736



66.4510, -0.2223, 71.5185

Sweetspot

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



54.5400, -19.4932, -47.8316



103.2290, -7.5079, -18.6178



75.2550, -37.1007, -0.2236



50.6690, -4.7668, -11.1107



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



54.5400, -19.4932, -47.8316



70.9590, -25.1228, -62.2310



59.6700, 0.1627, -52.3306



44.0490, -1.0102, -2.6740



66.6220, -23.9706, -58.4275



143.6790, -51.1137, -126.0065

Inverse Universe

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



35.4600, 19.4932, 47.8316



46.1550, 25.5596, 62.1311



30.3300, -0.1627, 52.3306



42.9510, 1.0102, 2.6740



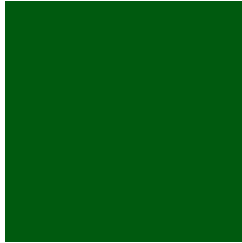
43.2640, 23.5338, 58.5275



93.4350, 51.5505, 125.9065

Previews

White Background



This preview shows how the YUV color 54.5400, -19.4932, -47.8316 looks on a white background.

Color Contrast Check

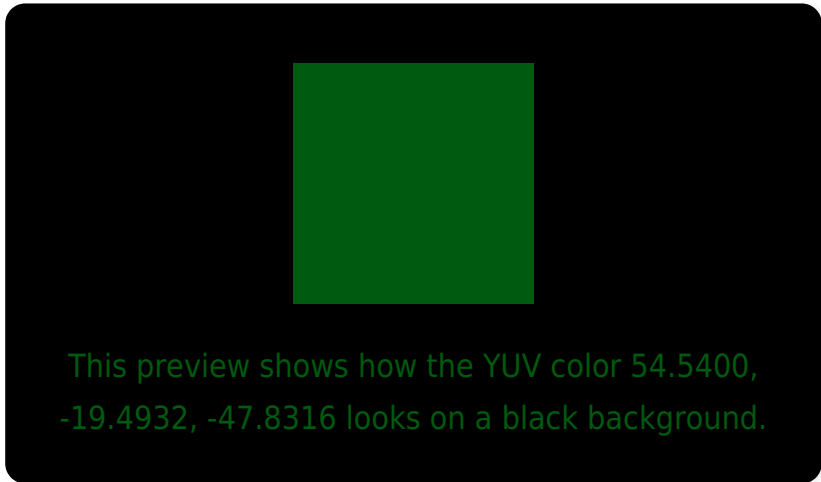
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5400, -19.4932, -47.8316

Background



This preview shows how black text looks on a background with the YUV color 54.5400, -19.4932, -47.8316.



This preview shows how white text looks on a background with the YUV color 54.5400, -19.4932, -47.8316.

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

72.4660, -30.3027, 12.7463

Deuteranopia

74.2910, -24.7935, 19.0388

Tritanopia

70.7450, 9.9857, -29.5944

Trichromacy



Protanomaly

65.9470, -26.5959, -9.6005

Deuteranomaly

67.0060, -22.6810, -5.2673

Tritanomaly

64.8400, -0.9071, -35.8167

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9410, -7.3659, -17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5400, -19.4932, -47.8316 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, 90, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 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(0, 90, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 15) }
```

Border

The CSS property to change the border of an element to YUV 54.5400, -19.4932, -47.8316 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, 90, 15) }
```

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

```
.border{ border-color:rgb(0, 90, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 15); box-shadow:4px  
4px 4px 4px rgb(0, 90, 15) }
```


Background

The CSS property to change the background color of an element to YUV 54.5400, -19.4932, -47.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 15) }
```

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

```
.background{ background-color: rgb(0, 90,  
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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