

Converting Colors

YUV(63.3930, -19.9137,
-52.9647)

Have a look what the booklet for
YUV(63.3930, -19.9137, -52.9647)
contains.

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Color

**YUV(63.3930, -19.9137,
-52.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	036617
RGB	3, 102, 23
RGB Percent	1%, 40%, 9%
CMY	0.9882, 0.6000, 0.9098
CMYK	0.97, 0.00, 0.77, 0.60
HSL	132°, 94%, 21%
HSV	132°, 97%, 40%
XYZ	4.9436, 9.5840, 2.3999
YIQ	63.3930, -33.6450, -45.5570

Conversions

Conversions Part 2

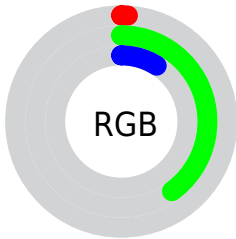
Format	Color
R_YB	3, 85, 102
Decimal	222743
CIE _{Lab}	37.09, -42.18, 35.45
CIE _{LCh}	37, 55.095, 139.952
Yxy	9.5840, 0.2920, 0.5662
Android (android.graphics.Color)	4278412823 (0xFF036617)
YUV	63.3930, -19.9137, -52.9647
Hunter-Lab	30.9580, -25.6724, 17.0743

Details

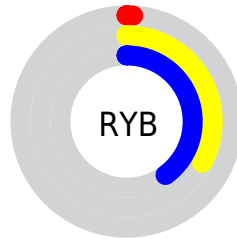
The YUV color **63.3930, -19.9137, -52.9647** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **41.6070, 19.9137, 52.9647**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1340, -23.7301, -42.2135**, and **31.1110, -15.3377, -27.2843** is the 20% darker color. If you saturate the color by 10%, you get **62.2680, -20.3451, -54.6090**, and if you desaturate by 10%, it is **67.2950, -17.8934, -47.6167**.

Distribution



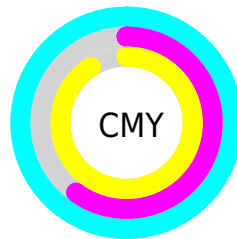
- Red (1%)
- Green (40%)
- Blue (9%)



- Red (1%)
- Yellow (33%)
- Blue (40%)



- Cyan (97%)
- Magenta (0%)
- Yellow (77%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3930, -19.9137, -52.9647 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 63.3930, -19.9137, -52.9647 by changing the saturation by 10% instead.

■ 63.3930, -19.9137,
-52.9647

■ 63.3930, -19.9137,
-52.9647

255.0000, 0.0000,
0.0000

■ 45.1990, -22.2831,
-39.6395

■ 120.1340,
-23.7301, -42.2135

■ 31.1110, -15.3377,
-27.2843

■ 147.2050,
-24.7511, -41.3988

■ 18.7840, -9.2605,
-16.4736

■ 174.5640,
-25.9141, -41.7136


■ 0.0000, 0.0000,
0.0000


■ 203.0370,
-26.6402, -42.1284


■ 224.4660,
-23.8937, -36.3657


■ 236.2150,


-16.3750, -21.2366


 248.1920, -7.9827,
-6.3074


 63.3930, -19.9137,
-52.9647


 63.3930, -19.9137,
-52.9647


 62.2680, -20.3451,
-54.6090

 67.2950, -17.8934,
-47.6167

 71.1970, -15.8731,
-42.2688

 75.3980, -14.0002,
-36.3060

 79.4140, -11.5431,
-31.0581

 83.3160, -9.5228,
-25.7101

■ 87.2180, -7.5025,
-20.3622

■ 91.1200, -5.4822,
-15.0142

■ 95.3210, -3.6093,
-9.0515

■ 99.2230, -1.5889,
-3.7036

Harmonies

Analogous

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



78.5000, -38.7005, -0.4385



63.3930, -19.9137, -52.9647



70.2020, -0.0996, -61.5672

Triad

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



63.3930, -19.9137, -52.9647



76.8890, 48.3687, -67.4317



78.1820, -8.9637, 75.2624

Complementary

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



63.3930, -19.9137, -52.9647



41.6070, 19.9137, 52.9647

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.



80.8170, 11.4292, 67.6895



63.3930, -19.9137, -52.9647



81.4960, 44.6185, -31.1300

Square

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



63.3930, -19.9137, -52.9647



79.3050, 37.3176, -69.5505



89.1250, 27.5464, 31.4624



81.7090, -31.9015, 59.0142

Rectangle

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



63.3930, -19.9137, -52.9647



74.3230, 13.1518, -65.1813



89.1250, 27.5464, 31.4624



77.7290, -1.8384, 76.5367

Sweetspot

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



63.3930, -19.9137, -52.9647



117.8050, -7.7919, -20.8770



84.7340, -40.2949, -2.3977



57.0710, -4.4720, -12.3403



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



63.3930, -19.9137, -52.9647



81.1490, -26.6955, -71.1677



68.9790, 1.4894, -57.8636



49.0490, -1.0102, -2.6740



70.1270, -23.2336, -61.5014



147.6400, -48.6295, -129.4803

Inverse Universe

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



41.6070, 19.9137, 52.9647



51.8510, 26.6955, 71.1677



36.0210, -1.4894, 57.8636



47.9510, 1.0102, 2.6740



44.8730, 23.2336, 61.5014



94.3600, 48.6295, 129.4803

Previews

White Background



This preview shows how the YUV color 63.3930, -19.9137, -52.9647 looks on a white background.

Color Contrast Check

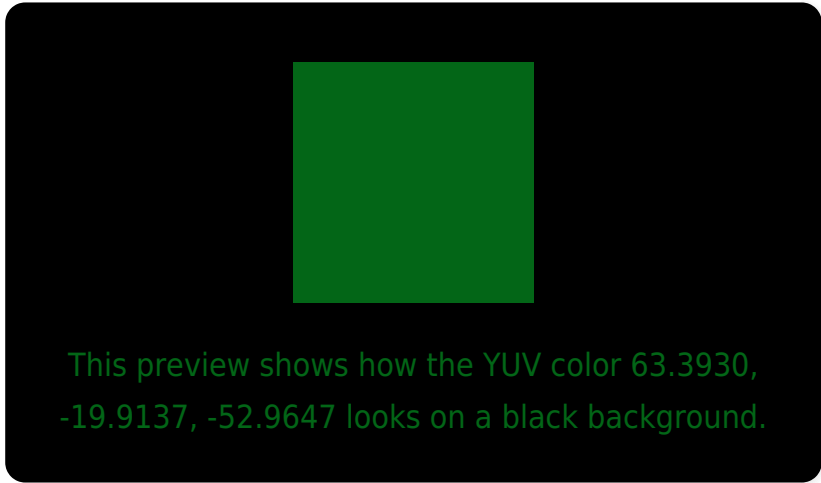
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3930, -19.9137, -52.9647

Background



This preview shows how black text looks on a background with the YUV color 63.3930, -19.9137, -52.9647.



This preview shows how white text looks on a background with the YUV color 63.3930, -19.9137, -52.9647.

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

63.3930, -19.9137, -52.9647

Protanopia

82.5370, -31.3237, 13.5611

Deuteranopia

84.8460, -26.5461, 21.1831



Tritanopia

80.0650, 11.3070, -33.3830

Trichromacy



Original Color

63.3930, -19.9137, -52.9647

Protanomaly

75.1210, -27.1747, -10.6301

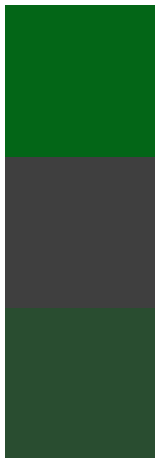
Deuteranomaly

76.9520, -24.1333, -6.0969

Tritanomaly

74.3340, -0.1647, -40.6349

Monochromacy



Original Color

63.3930, -19.9137, -52.9647

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9300, -7.3605, -19.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3930, -19.9137, -52.9647 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(3, 102, 23)` looks like.

```
.text, #text, p{  
    color:rgb(3, 102, 23)  
}
```

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(3, 102, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 102, 23) }
```

Border

The CSS property to change the border of an element to YUV 63.3930, -19.9137, -52.9647 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(3, 102, 23) }
```


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

```
.border{ border-color:rgb(3, 102, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 102, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 102, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 102, 23);  
box-shadow:4px 4px 4px 4px rgb(3, 102, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.3930, -19.9137, -52.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 102, 23) }
```

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

```
.background{ background-color: rgb(3, 102,  
23) }
```

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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