

Converting Colors

YUV(109.7530, -16.1472,
-94.4994)

Have a look what the booklet for
YUV(109.7530, -16.1472, -94.4994)
contains.

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Color

**YUV(109.7530, -16.1472,
-94.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	02AB4D
RGB	2, 171, 77
RGB Percent	1%, 67%, 30%
CMY	0.9922, 0.3294, 0.6980
CMYK	0.99, 0.00, 0.55, 0.33
HSL	147°, 98%, 34%
HSV	147°, 99%, 67%
XYZ	15.9275, 29.6745, 11.9095
YIQ	109.7530, -70.5500, -65.0620

Conversions

Conversions Part 2

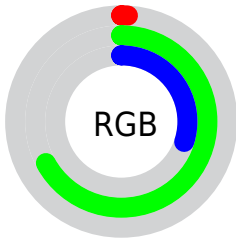
Format	Color
R_{YB}	2, 119, 171
Decimal	174925
CIE _{Lab}	61.37, -57.84, 37.75
CIE _{LCh}	61, 69.072, 146.868
Yxy	29.6745, 0.2769, 0.5160
Android (android.graphics.Color)	4278365005 (0xFF02AB4D)
YUV	109.7530, -16.1472, -94.4994
Hunter-Lab	54.4743, -43.1393, 25.1697

Details

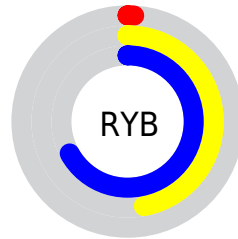
The YUV color **109.7530, -16.1472, -94.4994** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **63.2470, 16.1472, 94.4994**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2350, -23.7799, -72.9971**, and **71.7570, -22.0652, -62.9309** is the 20% darker color. If you saturate the color by 10%, you get **109.0410, -16.2892, -95.6290**, and if you desaturate by 10%, it is **115.9760, -14.2852, -85.0480**.

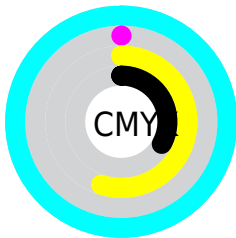
Distribution



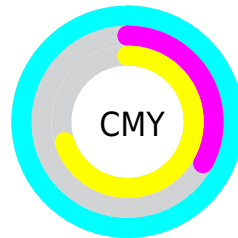
- Red (1%)
- Green (67%)
- Blue (30%)



- Red (1%)
- Yellow (47%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7530, -16.1472, -94.4994 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 109.7530, -16.1472, -94.4994 by changing the saturation by 10% instead.

■ 109.7530,
-16.1472, -94.4994

■ 109.7530,
-16.1472, -94.4994

■ 255.0000, 0.0000,
0.0000

■ 90.4560, -18.9588,
-79.3299

■ 176.2350,
-23.7799, -72.9971

■ 71.7570, -22.0652,
-62.9309

■ 204.4310,
-24.3695, -70.5380

■ 53.4170, -26.3346,
-46.8467

■ 216.4790,
-16.9981, -54.7941

■ 38.7420, -19.0998,
-33.9767

■ 228.6410, -9.1900,
-39.1502

■ 25.2410, -12.4438,
-22.1364

■ 240.9170, -0.9451,
-23.6062

■ 5.2830, -2.6045,
-4.6332

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 109.7530,
-16.1472, -94.4994

■ 109.7530,
-16.1472, -94.4994

■ 109.0410,
-16.2892, -95.6290

■ 115.9760,
-14.2852, -85.0480

■ 122.0850,
-12.8599, -75.4965

■ 128.3080,
-10.9978, -66.0451

■ 134.4170, -9.5726,
-56.4937

■ 140.9390, -7.8579,
-46.4275

■ 147.0480, -6.4327,
-36.8761

■ 153.2710, -4.5706,
-27.4247

■ 159.3800, -3.1453,
-17.8733

■ 165.6030, -1.2833,
-8.4218

Harmonies

Analogous

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



132.8800, -58.6078, -8.6648



109.7530, -16.1472, -94.4994



119.2720, 10.2189, -104.6015

Triad

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



109.7530, -16.1472, -94.4994



121.2290, 65.9491, -106.3178



141.0080, -21.6959, 99.0940

Complementary

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



109.7530, -16.1472, -94.4994



63.2470, 16.1472, 94.4994

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.



143.1410, 6.8325, 95.4693



109.7530, -16.1472, -94.4994



148.0820, 52.7106, -13.2269

Square

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



109.7530, -16.1472, -94.4994



128.8770, 59.7136, -113.0251



151.1310, 31.9804, 56.0131



142.2260, -49.4114, 75.2238

Rectangle

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



109.7530, -16.1472, -94.4994



124.0600, 28.5644, -108.8006



151.1310, 31.9804, 56.0131



140.5380, -12.0972, 100.3832

Sweetspot

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



109.7530, -16.1472, -94.4994



197.7490, -6.2853, -37.4909



129.9070, -63.0582, -27.9824



97.5320, -3.7133, -22.3916



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



109.7530, -16.1472, -94.4994



141.4860, -21.4386, -124.0832



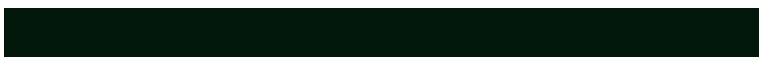
119.2150, 20.1070, -102.7976



83.7390, -0.8573, -5.0331



95.6880, -14.1432, -83.9184



14.6410, -2.2880, -12.8402

Inverse Universe

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



63.2470, 16.1472, 94.4994



80.4000, 21.0018, 124.1832



53.7850, -20.1070, 102.7976



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 109.7530, -16.1472, -94.4994 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.7530, -16.1472, -94.4994 looks on a black 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 × Fail

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

YUV 109.7530, -16.1472, -94.4994 Background



This preview shows how black text looks on a background with the YUV color 109.7530, -16.1472, -94.4994.



This preview shows how white text looks on a background with the YUV color 109.7530, -16.1472, -94.4994.

-94.4994.

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

109.7530, -16.1472, -94.4994

Protanopia

142.8920, -36.4288, 17.6347

Deuteranopia

145.3910, -29.7728, 29.4751



Tritanopia

134.3760, 19.5346, -59.0888

Trichromacy



Original Color

109.7530, -16.1472, -94.4994



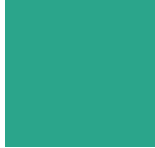
Protanomaly

130.8760, -29.0259, -23.5703



Deuteranomaly

132.3700, -24.8324, -15.2335



Tritanomaly

125.5580, 6.6269, -72.4034

Monochromacy



Original Color

109.7530, -16.1472, -94.4994



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8850, -5.8593, -34.1021

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7530, -16.1472, -94.4994 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(2, 171, 77)` looks like.

```
.text, #text, p{  
    color:rgb(2, 171, 77)  
}
```

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(2, 171, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 171, 77) }
```

Border

The CSS property to change the border of an element to YUV 109.7530, -16.1472, -94.4994 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(2, 171, 77) }
```


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

```
.border{ border-color:rgb(2, 171, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 171, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 171, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 171, 77);  
box-shadow:4px 4px 4px 4px rgb(2, 171, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 109.7530, -16.1472, -94.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 171, 77) }
```

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

```
.background{ background-color: rgb(2, 171,  
77) }
```

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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