

# Converting Colors

YUV(94.5020, -28.8415,  
-82.8783)

Have a look what the booklet for  
YUV(94.5020, -28.8415, -82.8783)  
contains.

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# Color

**YUV(94.5020, -28.8415,  
-82.8783)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009A24
RGB	0, 154, 36
RGB Percent	0%, 60%, 14%
CMY	1.0000, 0.3961, 0.8588
CMYK	1.00, 0.00, 0.77, 0.40
HSL	134°, 100%, 30%
HSV	134°, 100%, 60%
XYZ	11.8740, 23.2386, 5.5287
YIQ	94.5020, -53.9060, -69.3460

# Conversions

## Conversions Part 2

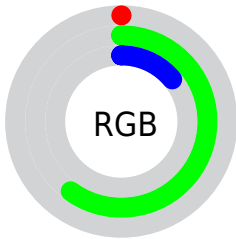
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 154
Decimal	39460
CIELab	55.32, -57.45, 48.90
CIELCh	55, 75.444, 139.596
Yxy	23.2386, 0.2922, 0.5718
Android (android.graphics.Color)	4278229540 (0xFF009A24)
YUV	94.5020, -28.8415, -82.8783
Hunter-Lab	48.2064, -40.3937, 26.9446

# Details

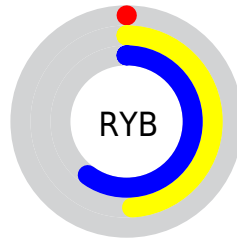
The YUV color **94.5020, -28.8415, -82.8783** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **59.4980, 28.8415, 82.8783**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0270, -35.0163, -62.2907**, and **59.2870, -29.2285, -51.9947** is the 20% darker color. If you saturate the color by 10%, you get **94.5020, -28.8415, -82.8783**, and if you desaturate by 10%, it is **100.3550, -25.8110, -74.8563**.

# Distribution



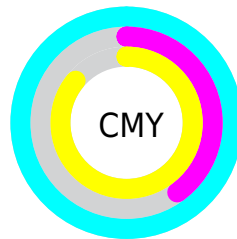
- Red (0%)
- Green (60%)
- Blue (14%)



- Red (0%)
- Yellow (49%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (86%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 94.5020, -28.8415, -82.8783 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 94.5020, -28.8415, -82.8783 by changing the saturation by 10% instead.





 94.5020, -28.8415,  
-82.8783


 94.5020, -28.8415,  
-82.8783


255.0000, 0.0000,  
0.0000


 74.5490, -36.7527,  
-65.3795


 160.0270,  
-35.0163, -62.2907


 59.2870, -29.2285,  
-51.9947


 189.0980,  
-36.0373, -61.4759

 44.6120, -21.9937,  
-39.1247

 210.4240,  
-33.7330, -53.8688

 30.5240, -15.0483,  
-26.7695

 222.2870,  
-25.7775, -38.8397

 15.8490, -7.8136,  
-13.8996

 234.4490,  
-17.9694, -23.1958

 0.0000, 0.0000,  
0.0000

 246.7250, -9.7244,

-7.6518

■ 94.5020, -28.8415,  
-82.8783

■ 100.3550,  
-25.8110, -74.8563

■ 106.5070,  
-22.9280, -66.2196

■ 112.2460,  
-20.3343, -58.0977

■ 118.3980,  
-17.4512, -49.4610

■ 124.2510,  
-14.4207, -41.4391

■ 130.1040,  
-11.3903, -33.4172

■ 136.2560, -8.5072,  
-24.7805

■ 141.9950, -5.9135,  
-16.6586

■ 148.1470, -3.0305,  
-8.0219

# Harmonies

## Analogous

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



119.2340, -58.7824, 0.6718



94.5020, -28.8415, -82.8783



106.1180, 0.4348, -93.0655

# Triad

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



94.5020, -28.8415, -82.8783



115.3590, 68.8430, -101.1698



117.9030, -12.2772, 111.4641

# Complementary

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



94.5020, -28.8415, -82.8783



59.4980, 28.8415, 82.8783

# 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.



122.0350, 17.7307, 99.9473



94.5020, -28.8415, -82.8783



122.1790, 65.4808, -49.2690

# Square

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



94.5020, -28.8415, -82.8783



119.1940, 55.6134, -104.5331



134.7690, 41.0329, 45.8066



123.4000, -46.5392, 87.3492



# Rectangle

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



94.5020, -28.8415, -82.8783



111.8350, 19.8013, -98.0793



134.7690, 41.0329, 45.8066



116.4870, -1.2261, 113.5829

# Sweetspot

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



94.5020, -28.8415, -82.8783



177.8160, -11.2483, -32.2876



125.6800, -61.9602, -6.7354



87.7450, -6.7763, -19.9474



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



94.5020, -28.8415, -82.8783



123.3450, -37.6381, -108.1736



103.2800, 4.7920, -90.5766



73.9240, -1.4415, -4.3183



85.9420, -26.1004, -75.3711



7.9730, -2.4517, -6.9923



# Inverse Universe

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



59.4980, 28.8415, 82.8783



77.6550, 37.6381, 108.1736



50.7200, -4.7920, 90.5766



72.0760, 1.4415, 4.3183



54.0580, 26.1004, 75.3711

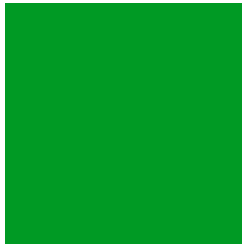


5.0270, 2.4517, 6.9923



# Previews

## White Background



This preview shows how the YUV color 94.5020, -28.8415, -82.8783 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 94.5020, -28.8415, -82.8783 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 94.5020, -28.8415, -82.8783

## Background



This preview shows how black text looks on a background with the YUV color 94.5020, -28.8415, -82.8783.



This preview shows how white text looks on a background with the YUV color 94.5020, -28.8415, -82.8783.



# 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

125.1560, -46.9119, 20.0342

### Deuteranopia

127.8830, -39.3823, 31.6746

### Tritanopia

121.3340, 16.5973, -50.2819

# Trichromacy



## Protanomaly

113.9340, -40.3935, -17.4821

## Deuteranomaly

115.9440, -35.4684, -10.4749

## Tritanomaly

111.9030, 0.0478, -62.1819

# Monochromacy



## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.4680, -10.0907, -30.2284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.5020, -28.8415, -82.8783 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, 154, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 36)  
}
```

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, 154, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 36) }
```

## Border

The CSS property to change the border of an element to YUV 94.5020, -28.8415, -82.8783 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, 154, 36) }
```

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

```
.border{ border-color:rgb(0, 154, 36) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 36);  
box-shadow:4px 4px 4px 4px rgb(0, 154, 36)  
}
```



# Background

The CSS property to change the background color of an element to YUV 94.5020, -28.8415, -82.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 36) }
```

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

```
.background{ background-color: rgb(0, 154,  
36) }
```

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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