

# Converting Colors

YUV(79.2460, -26.7433, -8.9857)

Have a look what the booklet for  
YUV(79.2460, -26.7433, -8.9857)  
contains.

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# Color

**YUV(79.2460, -26.7433,  
-8.9857)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	455F19
RGB	69, 95, 25
RGB Percent	27%, 37%, 10%
CMY	0.7294, 0.6275, 0.9020
CMYK	0.27, 0.00, 0.74, 0.63
HSL	82°, 58%, 24%
HSV	82°, 74%, 37%
XYZ	6.7219, 9.5198, 2.4029
YIQ	79.2460, 6.9740, -27.2820

# Conversions

## Conversions Part 2

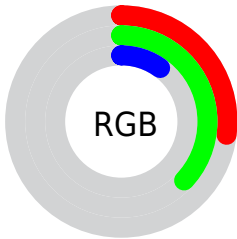
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 95, 51
Decimal	4546329
CIE Lab	36.97, -21.53, 35.22
CIE LCh	37, 41.283, 121.440
Yxy	9.5198, 0.3605, 0.5106
Android (android.graphics.Color)	4282736409 (0xFF455F19)
YUV	79.2460, -26.7433, -8.9857
Hunter-Lab	30.8542, -15.1067, 16.9804

# Details

The YUV color **79.2460, -26.7433, -8.9857** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **40.7540, 26.7433, 8.9857**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9040, -28.0537, -8.6858**, and **35.3410, -17.4231, -11.7001** is the 20% darker color. If you saturate the color by 10%, you get **76.9100, -30.5216, -10.4451**, and if you desaturate by 10%, it is **81.4680, -23.4017, -7.4264**.

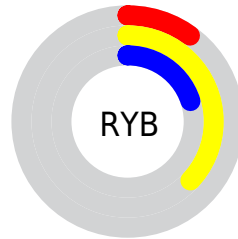
# Distribution



Red (27%)

Green (37%)

Blue (10%)



Red (10%)

Yellow (37%)

Blue (20%)

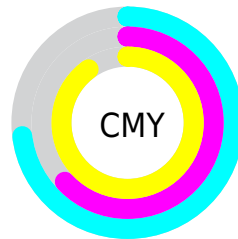


Cyan (27%)

Magenta (0%)

Yellow (74%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.2460, -26.7433, -8.9857 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 79.2460, -26.7433, -8.9857 by changing the saturation by 10% instead.



■ 79.2460, -26.7433,  
-8.9857

■ 79.2460, -26.7433,  
-8.9857

255.0000, 0.0000,  
0.0000

■ 55.1320, -27.1801,  
-8.8858

■ 129.9040,  
-28.0537, -8.6858

■ 35.3410, -17.4231,  
-11.7001

■ 155.7900,  
-28.4905, -8.5858

■ 17.0230, -8.3923,  
-14.9292

■ 183.1490,  
-29.6535, -8.9007

■ 0.0000, 0.0000,  
0.0000

■ 211.0350,  
-30.0903, -8.8007

■ 238.6330,  
-30.3851, -7.5711

■ 249.3000,

-21.8399, 4.9989

252.4920, -9.6096,  
2.1995

79.2460, -26.7433,  
-8.9857

79.2460, -26.7433,  
-8.9857

76.9100, -30.5216,  
-10.4451

81.4680, -23.4017,  
-7.4264

74.9870, -34.0106,  
-11.3896

83.5050, -19.4760,  
-6.5819

73.7050, -36.3366,  
-12.0193

85.8410, -15.6976,  
-5.1226

87.7640, -12.2087,  
-4.1780

90.1000, -8.4303,  
-2.7187

■ 92.0230, -4.9413,  
-1.7742

■ 94.3590, -1.1630,  
-0.3148

■ 96.2820, 2.3260,  
0.6297

■ 98.5040, 5.6675,  
2.1890

# Harmonies

## Analogous

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



82.6470, -34.8290, 17.8496



79.2460, -26.7433, -8.9857



68.1450, -6.9735, -50.1162

# Triad

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



79.2460, -26.7433, -8.9857



74.6430, 34.6860, -65.4619



85.8570, 0.5635, 52.7454

# Complementary

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



79.2460, -26.7433, -8.9857



40.7540, 26.7433, 8.9857

# 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.



88.8190, 14.8792, 34.3617



79.2460, -26.7433, -8.9857



70.3860, 41.2217, -61.7285

# Square

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



79.2460, -26.7433, -8.9857



73.6680, 23.3347, -64.6068



88.2260, 27.4966, 0.6788



84.7310, -15.1504, 52.8559



# Rectangle

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



79.2460, -26.7433, -8.9857



68.5380, 3.6788, -60.1078



88.2260, 27.4966, 0.6788



86.5020, 5.6685, 48.6717

# Sweetspot

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



79.2460, -26.7433, -8.9857



115.9320, -10.3195, -3.4484



61.1920, -17.8427, 29.6496



57.3820, -6.1043, -2.0890



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



79.2460, -26.7433, -8.9857



97.8420, -40.8411, -13.8934



68.7810, -21.5840, -30.5029



47.2450, -1.5998, -0.2149



86.9730, -42.8777, -14.0083



186.0290, -91.7123, -30.7204



# Inverse Universe

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



40.7540, 26.7433, 8.9857



39.1580, 40.8411, 13.8934



51.2190, 21.5840, 30.5029



44.7550, 1.5998, 0.2149



25.3260, 42.7303, 14.6231

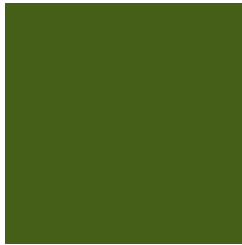


53.9710, 91.7123, 30.7204



# Previews

## White Background



This preview shows how the YUV color 79.2460, -26.7433, -8.9857 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

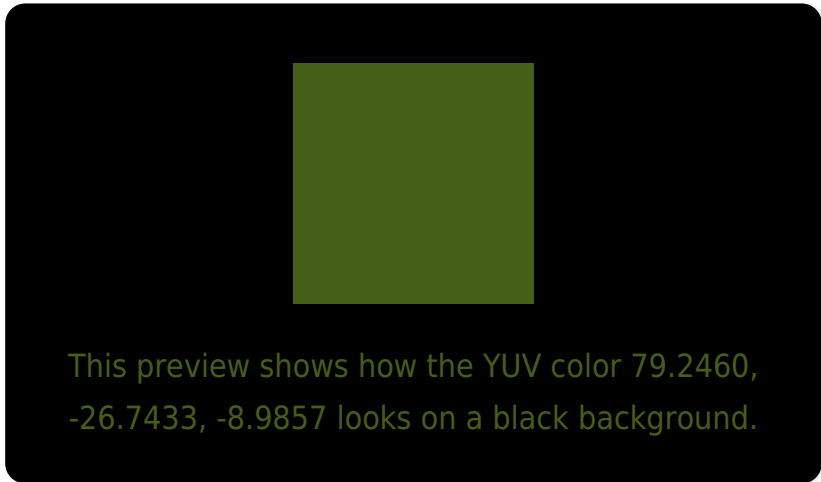
Any Text WCAG AA ✓ Pass

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 79.2460, -26.7433, -8.9857

## Background



This preview shows how black text looks on a background with the YUV color 79.2460, -26.7433, -8.9857.



This preview shows how white text looks on a background with the YUV color 79.2460, -26.7433, -8.9857.

-8.9857.

# 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

79.2460, -26.7433, -8.9857

### Protanopia

82.6940, -29.4291, 12.5464

### Deuteranopia

83.8460, -26.5461, 21.1831



## Tritanopia

86.2100, 4.8265, -8.0772

# Trichromacy



## Original Color

79.2460, -26.7433, -8.9857

## Protanomaly

81.5790, -28.3864, 4.7542

## Deuteranomaly

82.3670, -26.8029, 10.2021

## Tritanomaly

83.5230, -6.6668, -8.3517

# Monochromacy



## Original Color

79.2460, -26.7433, -8.9857

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.0460, -9.8827, -3.5483

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.2460, -26.7433, -8.9857 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(69, 95, 25)` looks like.

```
.text, #text, p{  
    color:rgb(69, 95, 25)  
}
```

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(69, 95, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 95, 25) }
```

## Border

The CSS property to change the border of an element to YUV 79.2460, -26.7433, -8.9857 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(69, 95, 25) }
```



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

```
.border{ border-color:rgb(69, 95, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 95, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 95, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 95, 25);  
box-shadow:4px 4px 4px 4px rgb(69, 95, 25)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.2460, -26.7433, -8.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 95, 25) }
```

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

```
.background{ background-color: rgb(69, 95,  
25) }
```

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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