

# Converting Colors

YUV(28.2910, -11.4825, -3.7632)

Have a look what the booklet for  
YUV(28.2910, -11.4825, -3.7632)  
contains.

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# Color

**YUV(28.2910, -11.4825,  
-3.7632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	182305
RGB	24, 35, 5
RGB Percent	9%, 14%, 2%
CMY	0.9059, 0.8627, 0.9804
CMYK	0.31, 0.00, 0.86, 0.86
HSL	82°, 75%, 8%
HSV	82°, 86%, 14%
XYZ	1.0051, 1.4072, 0.3622
YIQ	28.2910, 3.0740, -11.6620

# Conversions

## Conversions Part 2

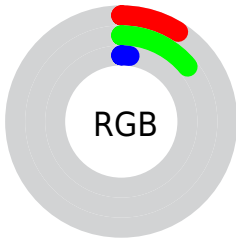
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	5, 35, 16
Decimal	1581829
CIE Lab	12.01, -10.97, 15.52
CIE LCh	12, 19.002, 125.247
Yxy	1.4072, 0.3623, 0.5072
Android (android.graphics.Color)	4279771909 (0xFF182305)
YUV	28.2910, -11.4825, -3.7632
Hunter-Lab	11.8626, -5.6353, 6.4934

# Details

The YUV color **28.2910, -11.4825, -3.7632** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.7090, 11.4825, 3.7632**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6930, -11.1876, -4.9928**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.5360, -13.0822, -3.9781**, and if you desaturate by 10%, it is **28.9320, -10.3195, -3.4484**.

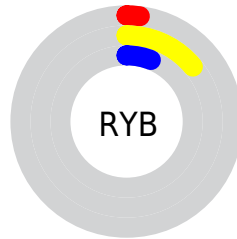
# Distribution



Red (9%)

Green (14%)

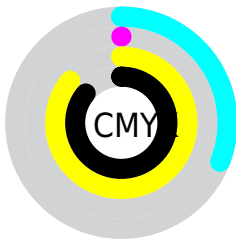
Blue (2%)



Red (2%)

Yellow (14%)

Blue (6%)

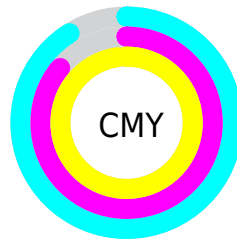


Cyan (31%)

Magenta (0%)

Yellow (86%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 28.2910, -11.4825, -3.7632 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 28.2910, -11.4825, -3.7632 by changing the saturation by 10% instead.



■ 28.2910, -11.4825,  
-3.7632

■ 28.2910, -11.4825,  
-3.7632

■ 250.9540,  
-10.3303, 0.0403

■ 7.6310, -3.7621,  
-6.6924

■ 72.6930, -11.1876,  
-4.9928

■ 0.0000, 0.0000,  
0.0000

■ 96.5790, -11.6244,  
-4.8928


■ 121.1660,  
-11.9138, -5.4076


■ 147.0520,  
-12.3506, -5.3076


■ 173.6390,  
-12.6400, -5.8224


■ 200.9380,


-12.7874, -5.2076


 228.8240,  
-13.2242, -5.1076


 28.2910, -11.4825,  
-3.7632


 28.2910, -11.4825,  
-3.7632


 27.5360, -13.0822,  
-3.9781


 28.9320, -10.3195,  
-3.4484

 27.1230, -13.3716,  
-4.4929

 29.9860, -8.8671,  
-2.6187

 30.6270, -7.7041,  
-2.3039

 31.3820, -6.1043,  
-2.0890

 32.1370, -4.5045,  
-1.8741

■ 33.0770, -3.4890,  
-0.9445

■ 33.7180, -2.3260,  
-0.6297

■ 34.4730, -0.7262,  
-0.4148

■ 35.5270, 0.7262,  
0.4148

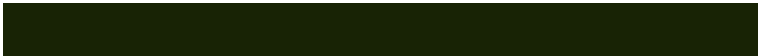
# Harmonies

## Analogous

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



29.5590, -14.5726, 7.4028



28.2910, -11.4825, -3.7632



25.1950, -2.5611, -18.5880

# Triad

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



28.2910, -11.4825, -3.7632



27.4020, 13.6058, -24.0316



31.6050, -0.7913, 20.5174

# Complementary

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



28.2910, -11.4825, -3.7632



11.7090, 11.4825, 3.7632

# 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.



32.4670, 5.1928, 14.4994



28.2910, -11.4825, -3.7632



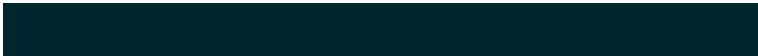
28.2720, 14.1629, -16.0245

# Square

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



28.2910, -11.4825, -3.7632



27.5500, 9.0959, -24.1613



32.3560, 10.1775, 2.3188



30.9980, -6.9010, 20.1728



# Rectangle

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



28.2910, -11.4825, -3.7632



25.6120, 1.6703, -22.4617



32.3560, 10.1775, 2.3188



31.7620, 1.1033, 19.5027

# Sweetspot

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



28.2910, -11.4825, -3.7632



43.4360, -4.6519, -1.2594



20.4270, -7.6055, 12.7805



21.3050, -2.6154, -1.1445



150.0000, 0.0000, 0.0000

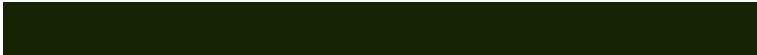


23.0000, 0.0000, 0.0000



# Same Dimension

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



28.2910, -11.4825, -3.7632



35.6730, -17.5868, -5.8522



23.8060, -9.2714, -12.9849



17.4730, -0.7262, -0.4148



63.6820, -31.3952, -10.2451



162.1510, -79.9404, -26.4424



# Inverse Universe

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



11.7090, 11.4825, 3.7632



10.3270, 17.5868, 5.8522



16.1940, 9.2714, 12.9849



16.5270, 0.7262, 0.4148



18.3180, 31.3952, 10.2451



46.8490, 79.9404, 26.4424



# Previews

## White Background



This preview shows how the YUV color 28.2910, -11.4825, -3.7632 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

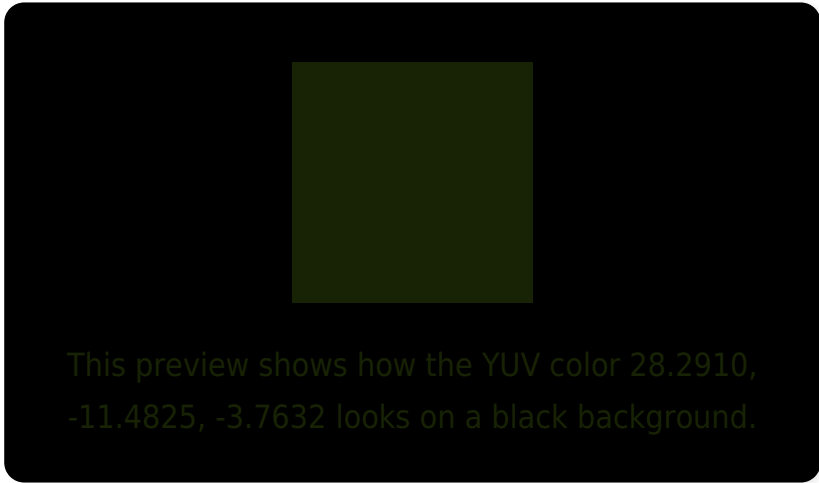
Any Text WCAG AA ✓ Pass

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 28.2910, -11.4825, -3.7632

## Background



This preview shows how black text looks on a background with the YUV color 28.2910, -11.4825, -3.7632.



This preview shows how white text looks on a background with the YUV color 28.2910, -11.4825,

-3.7632.

# 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

28.2910, -11.4825, -3.7632

### Protanopia

30.0040, -12.8200, 5.2585

### Deuteranopia

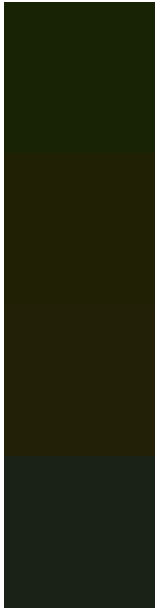
30.4820, -11.0836, 8.3473



**Tritanopia**

31.4340, 1.7580, -3.8886

# Trichromacy



## Original Color

28.2910, -11.4825, -3.7632

## Protanomaly

29.3950, -12.5197, 2.2846

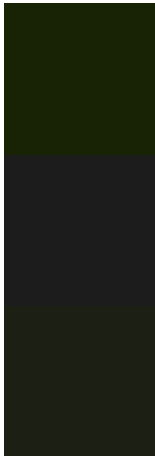
## Deuteranomaly

29.7480, -11.2148, 3.7290

## Tritanomaly

30.4680, -3.1887, -3.9184

# Monochromacy



## Original Color

28.2910, -11.4825, -3.7632

## Achromatopsia

28.0000, 0.0000, 0.0000

## Achromatomaly

28.5500, -4.2152, -1.3594

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 28.2910, -11.4825, -3.7632 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(24, 35, 5)` looks like.

```
.text, #text, p{  
    color:rgb(24, 35, 5)  
}
```

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(24, 35, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 35, 5) }
```

## Border

The CSS property to change the border of an element to YUV 28.2910, -11.4825, -3.7632 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(24, 35, 5) }
```



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

```
.border{ border-color:rgb(24, 35, 5) }
```

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

Here you see how a box with a 4 pixel rgb(24, 35, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 35, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 35, 5); box-shadow:4px  
4px 4px 4px rgb(24, 35, 5) }
```

# Background

The CSS property to change the background color of an element to YUV 28.2910, -11.4825, -3.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 35, 5) }
```

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

```
.background{ background-color: rgb(24, 35,  
5) }
```

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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