

# Converting Colors

YUV(29.8390, -9.2876, -7.7518)

Have a look what the booklet for  
YUV(29.8390, -9.2876, -7.7518)  
contains.

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# Color

**YUV(29.8390, -9.2876,  
-7.7518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15260B
RGB	21, 38, 11
RGB Percent	8%, 15%, 4%
CMY	0.9176, 0.8510, 0.9569
CMYK	0.45, 0.00, 0.71, 0.85
HSL	98°, 55%, 10%
HSV	98°, 71%, 15%
XYZ	1.0628, 1.5698, 0.5636
YIQ	29.8390, -1.4650, -12.0010

# Conversions

## Conversions Part 2

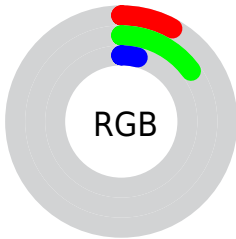
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 38, 28
Decimal	1385995
CIELab	13.05, -13.39, 14.43
CIElCh	13, 19.684, 132.852
Yxy	1.5698, 0.3325, 0.4912
Android (android.graphics.Color)	4279576075 (0xFF15260B)
YUV	29.8390, -9.2876, -7.7518
Hunter-Lab	12.5292, -6.7851, 6.1034

# Details

The YUV color **29.8390, -9.2876, -7.7518** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.1610, 9.2876, 7.7518**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0130, -9.8664, -8.7814**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.7850, -10.7400, -8.5814**, and if you desaturate by 10%, it is **30.8930, -7.8352, -6.9222**.

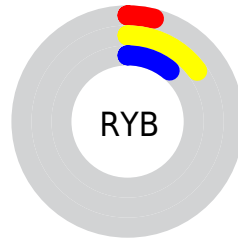
# Distribution



Red (8%)

Green (15%)

Blue (4%)



Red (4%)

Yellow (15%)

Blue (11%)

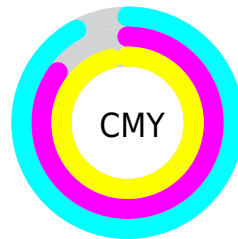


Cyan (45%)

Magenta (0%)

Yellow (71%)

Black (85%)



Cyan (92%)

Magenta (85%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 29.8390, -9.2876, -7.7518 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 29.8390, -9.2876, -7.7518 by changing the saturation by 10% instead.



■ 29.8390, -9.2876,  
-7.7518

■ 29.8390, -9.2876,  
-7.7518

■ 250.6270, -7.7041,  
-2.3039

■ 11.1530, -5.4984,  
-9.7812

■ 74.0130, -9.8664,  
-8.7814

■ 0.0000, 0.0000,  
0.0000

■ 97.8990, -10.3032,  
-8.6814


■ 123.3720,  
-11.0294, -9.0962


■ 149.0730,  
-10.8820, -9.7110


■ 175.9590,  
-11.3188, -9.6110


■ 202.8450,


-11.7556, -9.5111


 231.4320,  
-12.0450, -10.0259


 29.8390, -9.2876,  
-7.7518


 29.8390, -9.2876,  
-7.7518


 28.7850, -10.7400,  
-8.5814


 30.8930, -7.8352,  
-6.9222


 27.4320, -12.0450,  
-10.0259

 32.2460, -6.5303,  
-5.4777

 26.4920, -13.0606,  
-10.9555

 33.1860, -5.5147,  
-4.5481

 34.5390, -4.2097,  
-3.1037

 35.5930, -2.7573,  
-2.2741

■ 36.6470, -1.3050,  
-1.4444

■ 38.0000, 0.0000,  
0.0000

■ 38.9400, 1.0156,  
0.9296

■ 40.2930, 2.3206,  
2.3740

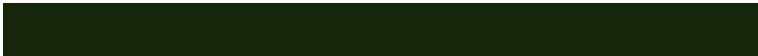
# Harmonies

## Analogous

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



31.6080, -15.5827, 4.7288



29.8390, -9.2876, -7.7518



26.3300, -0.6557, -23.0914

# Triad

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



29.8390, -9.2876, -7.7518



28.5590, 15.5004, -25.0462



33.7470, -2.8333, 22.1469

# Complementary

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



29.8390, -9.2876, -7.7518



19.1610, 9.2876, 7.7518

# 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.



34.7340, 3.5821, 17.7733



29.8390, -9.2876, -7.7518



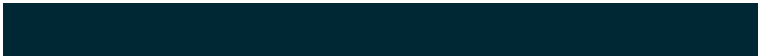
32.1910, 13.7098, -10.6915

# Square

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



29.8390, -9.2876, -7.7518



29.4080, 11.1379, -25.7908



35.1500, 9.2931, 6.0075



33.1290, -8.9376, 20.0579



# Rectangle

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



29.8390, -9.2876, -7.7518



27.4700, 3.7123, -24.0912



35.1500, 9.2931, 6.0075



33.4310, -0.2125, 21.5470

# Sweetspot

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



29.8390, -9.2876, -7.7518



45.0660, -3.4835, -2.6889



29.0520, -8.8996, 7.8474



23.7070, -2.3206, -2.3740



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000



# Same Dimension

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



29.8390, -9.2876, -7.7518



35.8510, -14.2235, -11.2703



27.1910, -6.5032, -14.1995



17.4730, -0.7262, -0.4148



57.1040, -28.1523, -23.7702



145.7060, -71.8331, -60.2552



# Inverse Universe

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



19.1610, 9.2876, 7.7518



19.4480, 14.0761, 11.8851



21.8090, 6.5032, 14.1995



16.5270, 0.7262, 0.4148



24.5970, 28.2997, 23.1554

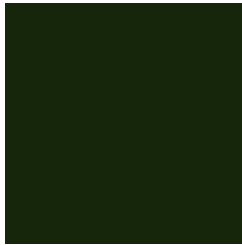


63.2940, 71.8331, 60.2552



# Previews

## White Background



This preview shows how the YUV color 29.8390, -9.2876, -7.7518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

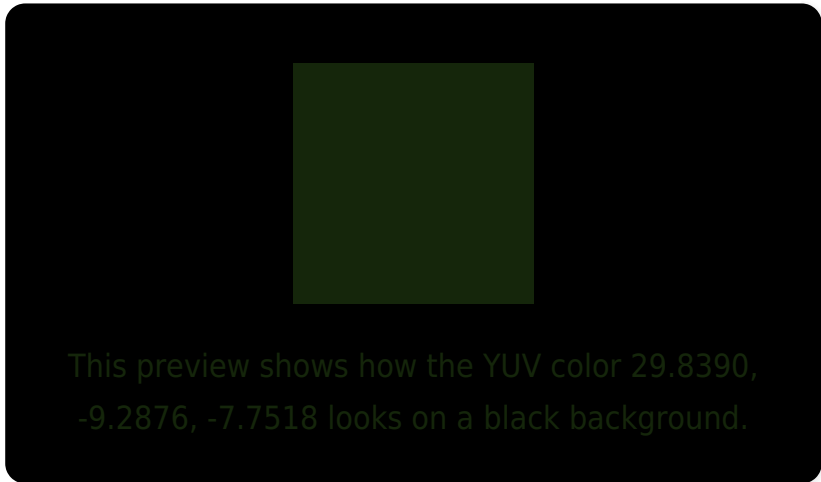
Any Text WCAG AA ✓ Pass

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

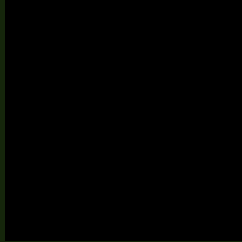
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 29.8390, -9.2876, -7.7518

## Background



This preview shows how black text looks on a background with the YUV color 29.8390, -9.2876, -7.7518.



This preview shows how white text looks on a background with the YUV color 29.8390, -9.2876, -7.7518.

-7.7518.

# 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

29.8390, -9.2876, -7.7518

### Protanopia

32.4600, -11.0728, 4.8586

### Deuteranopia

32.8240, -9.7732, 8.0474



## Tritanopia

32.3520, 2.7845, -6.4477

# Trichromacy



## Original Color

29.8390, -9.2876, -7.7518

## Protanomaly

31.2530, -10.4777, 0.6551

## Deuteranomaly

31.4920, -9.6096, 2.1995

## Tritanomaly

31.5000, -1.7255, -6.5775

# Monochromacy



## Original Color

29.8390, -9.2876, -7.7518

## Achromatopsia

30.0000, 0.0000, 0.0000

## Achromatomaly

30.0660, -3.4835, -2.6889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 29.8390, -9.2876, -7.7518 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(21, 38, 11)` looks like.

```
.text, #text, p{  
    color:rgb(21, 38, 11)  
}
```

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(21, 38, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 38, 11) }
```

## Border

The CSS property to change the border of an element to YUV 29.8390, -9.2876, -7.7518 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(21, 38, 11) }
```



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

```
.border{ border-color:rgb(21, 38, 11) }
```

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

Here you see how a box with a 4 pixel rgb(21, 38, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 38, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 38, 11);  
box-shadow:4px 4px 4px 4px rgb(21, 38, 11)  
}
```

# Background

The CSS property to change the background color of an element to YUV 29.8390, -9.2876, -7.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 38, 11) }
```

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

```
.background{ background-color: rgb(21, 38,  
11) }
```

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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