

# Converting Colors

YUV(29.1000, -4.9793, 10.4363)

Have a look what the booklet for  
YUV(29.1000, -4.9793, 10.4363)  
contains.

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# Color

**YUV(29.1000, -4.9793,  
10.4363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	291913
RGB	41, 25, 19
RGB Percent	16%, 10%, 7%
CMY	0.8392, 0.9020, 0.9255
CMYK	0.00, 0.39, 0.54, 0.84
HSL	16°, 37%, 12%
HSV	16°, 54%, 16%
XYZ	1.3796, 1.2137, 0.7776
YIQ	29.1000, 11.4620, 1.5260

# Conversions

## Conversions Part 2

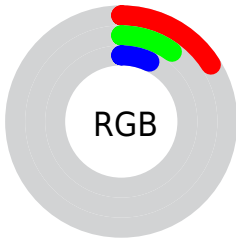
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 27, 19
Decimal	2693395
CIE <sub>Lab</sub>	10.66, 7.06, 7.25
CIE <sub>LCh</sub>	11, 10.123, 45.763
Yxy	1.2137, 0.4093, 0.3600
Android (android.graphics.Color)	4280883475 (0xFF291913)
YUV	29.1000, -4.9793, 10.4363
Hunter-Lab	11.0168, 3.0741, 3.5266

# Details

The YUV color **29.1000, -4.9793, 10.4363** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.9000, 4.9793, -10.4363**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.8830, -5.8583, 12.3806**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.8830, -5.8583, 12.3806**, and if you desaturate by 10%, it is **31.3170, -4.1003, 8.4920**.

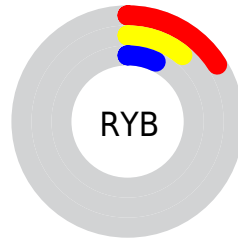
# Distribution



Red (16%)

Green (10%)

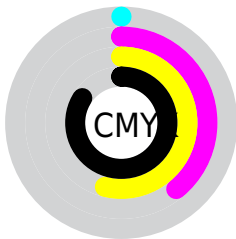
Blue (7%)



Red (16%)

Yellow (11%)

Blue (7%)

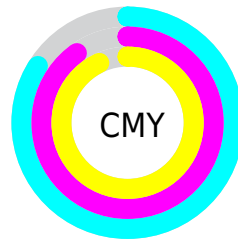


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 29.1000, -4.9793, 10.4363 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 29.1000, -4.9793, 10.4363 by changing the saturation by 10% instead.



■ 29.1000, -4.9793,  
10.4363

■ 29.1000, -4.9793,  
10.4363

■ 251.8710, -4.3734,  
2.7441

■ 5.6810, -2.8007,  
11.6808

■ 72.8830, -5.8583,  
12.3806

■ 0.0000, 0.0000,  
0.0000

■ 97.0680, -6.4425,  
13.0954

■ 121.7800, -6.3005,  
14.2249

■ 147.6660, -6.7373,  
14.3249

■ 173.9650, -6.8847,  
14.9397

■ 201.2640, -7.0322,

15.5545

■ 229.5630, -7.1796,  
16.1692

■ 29.1000, -4.9793,  
10.4363

■ 29.1000, -4.9793,  
10.4363

■ 26.8830, -5.8583,  
12.3806

■ 31.3170, -4.1003,  
8.4920

■ 24.6660, -6.7373,  
14.3249

■ 33.5340, -3.2213,  
6.5477

■ 22.4490, -7.6164,  
16.2692

■ 35.7510, -2.3422,  
4.6034

■ 20.2320, -8.4954,  
18.2135

■ 37.9680, -1.4632,  
2.6591

■ 18.7160, -9.2270,  
19.5431

■ 40.1850, -0.5842,  
0.7148

■ 42.5160, 0.7316,  
-1.3295

■ 44.7330, 1.6106,  
-3.2738

■ 46.9500, 2.4897,  
-5.2181

■ 49.1670, 3.3687,  
-7.1625

# Harmonies

## Analogous

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



29.4960, -2.2165, 10.9660



29.1000, -4.9793, 10.4363



28.5080, -7.1524, 7.4475

# Triad

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



29.1000, -4.9793, 10.4363



25.8200, -0.4043, -10.3661



28.6990, 6.5574, -3.2440

# Complementary

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



29.1000, -4.9793, 10.4363



30.9000, 4.9793, -10.4363

# 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.



26.5840, 7.6001, -11.0362



29.1000, -4.9793, 10.4363



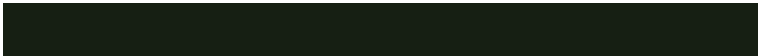
25.1120, 3.3958, -15.8842

# Square

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



29.1000, -4.9793, 10.4363



26.9410, -3.9149, -4.3333



25.2090, 6.3060, -15.9693



29.7600, 4.0623, 3.7185



# Rectangle

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



29.1000, -4.9793, 10.4363



28.4860, -7.1416, 3.9588



25.2090, 6.3060, -15.9693



28.3890, 6.7102, -5.6032

# Sweetspot

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



29.1000, -4.9793, 10.4363



48.8650, -1.9054, 4.5034



27.4020, 3.7458, 11.9254



25.0820, -1.0264, 2.5591



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000



# Same Dimension

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



29.1000, -4.9793, 10.4363



35.3350, -8.0532, 16.3692



35.5570, -8.1626, 4.7735



19.1850, -0.5842, 0.7148



38.6170, -19.0382, 39.8009



97.4340, -48.0350, 100.4744



# Inverse Universe

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



30.9000, 4.9793, -10.4363



37.6650, 8.0532, -16.3692



24.4430, 8.1626, -4.7735



19.4020, 0.2948, -1.2296



45.3830, 19.0382, -39.8009



114.5660, 48.0350, -100.4744



# Previews

## White Background



This preview shows how the YUV color 29.1000, -4.9793, 10.4363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

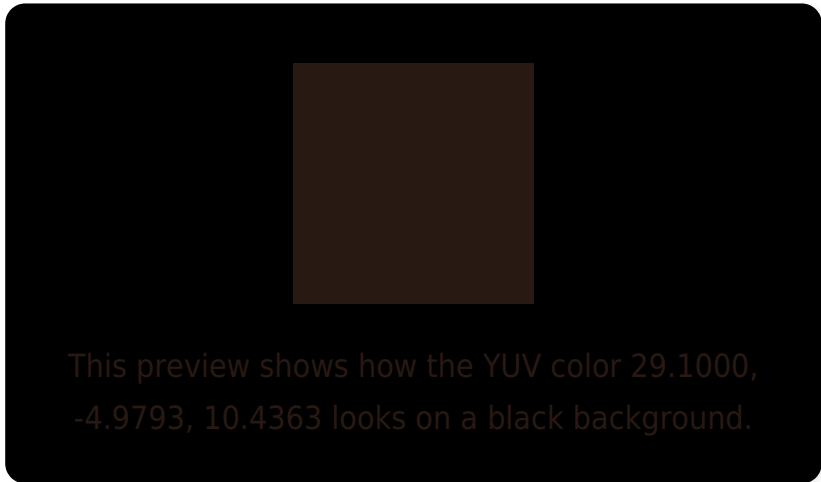
Any Text WCAG AA ✓ Pass

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

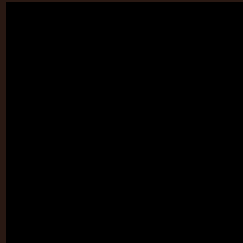
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 29.1000, -4.9793, 10.4363**

## **Background**



This preview shows how black text looks on a background with the YUV color 29.1000, -4.9793, 10.4363.



This preview shows how white text looks on a background with the YUV color 29.1000, -4.9793,



# 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

29.1000, -4.9793, 10.4363

### Protanopia

28.6860, -3.7892, 2.0294

### Deuteranopia

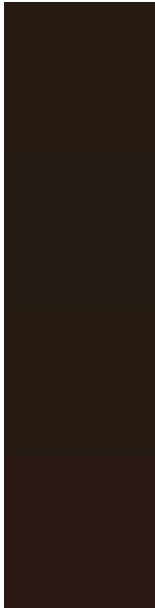
28.9530, -5.3998, 5.3032



## Tritanopia

29.6100, -1.7797, 10.8660

# Trichromacy



## Original Color

29.1000, -4.9793, 10.4363

## Protanomaly

29.1810, -4.5262, 5.1033

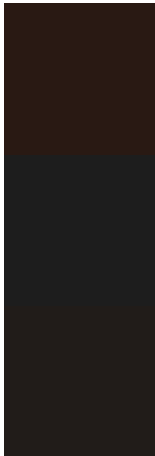
## Deuteranomaly

28.9640, -5.4053, 7.0476

## Tritanomaly

29.2680, -3.0901, 11.1660

# Monochromacy



## Original Color

29.1000, -4.9793, 10.4363

## Achromatopsia

29.0000, 0.0000, 0.0000

## Achromatomaly

29.1530, -2.0474, 3.3738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 29.1000, -4.9793, 10.4363 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(41, 25, 19)` looks like.

```
.text, #text, p{  
    color:rgb(41, 25, 19)  
}
```

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(41, 25, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 25, 19) }
```

## Border

The CSS property to change the border of an element to YUV 29.1000, -4.9793, 10.4363 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(41, 25, 19) }
```



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

```
.border{ border-color:rgb(41, 25, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 25, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 25, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 25, 19);  
box-shadow:4px 4px 4px 4px rgb(41, 25, 19)  
}
```

# Background

The CSS property to change the background color of an element to YUV 29.1000, -4.9793, 10.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 25, 19) }
```

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

```
.background{ background-color: rgb(41, 25,  
19) }
```

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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