

Converting Colors

YUV(159.4170, -29.2926,
15.4203)

Have a look what the booklet for
YUV(159.4170, -29.2926, 15.4203)
contains.

YUV(159.4170, -29.2926, 15.4203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.4170, -29.2926,
15.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A264
RGB	177, 162, 100
RGB Percent	69%, 64%, 39%
CMY	0.3059, 0.3647, 0.6078
CMYK	0.00, 0.08, 0.44, 0.31
HSL	48°, 33%, 54%
HSV	48°, 44%, 69%
XYZ	33.3520, 36.1079, 17.2683
YIQ	159.4170, 28.8420, -16.1020

Conversions

Conversions Part 2

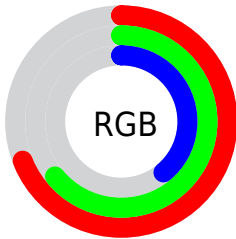
Format	Color
RYB	119, 177, 100
Decimal	11641444
CIELab	66.60, -3.38, 34.16
CIELCh	67, 34.326, 95.646
Yxy	36.1079, 0.3846, 0.4163
Android (android.graphics.Color)	4289831524 (0xFFB1A264)
YUV	159.4170, -29.2926, 15.4203
Hunter-Lab	60.0898, -6.0832, 25.0245

Details

The YUV color **159.4170, -29.2926, 15.4203** is a light color, and the websafe version is hex **999966**. A complement of this color would be **117.5830, 29.2926, -15.4203**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6730, -30.8978, 16.9498**, and **107.7480, -27.9768, 13.3760** is the 20% darker color. If you saturate the color by 10%, you get **155.6040, -36.2868, 18.7643**, and if you desaturate by 10%, it is **163.2300, -22.2984, 12.0763**.

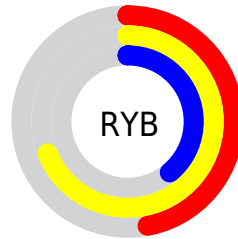
Distribution



Red (69%)

Green (64%)

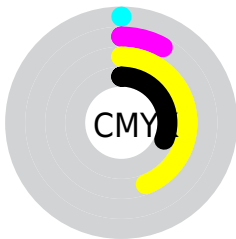
Blue (39%)



Red (47%)

Yellow (69%)

Blue (39%)

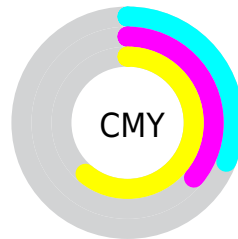


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4170, -29.2926, 15.4203 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 159.4170, -29.2926, 15.4203 by changing the saturation by 10% instead.

■ 159.4170,
-29.2926, 15.4203

■ 159.4170,
-29.2926, 15.4203

255.0000, 0.0000,
0.0000

■ 133.2320,
-28.7084, 14.7055

■ 214.6730,
-30.8978, 16.9498

■ 107.7480,
-27.9768, 13.3760

■ 240.4660,
-30.3027, 12.7463

■ 82.6770, -26.9558,
12.5613

■ 249.5280,
-20.9663, 4.7989

■ 58.8510, -27.5345,
11.5317

■ 252.7200, -8.7360,
1.9996

■ 38.4190, -18.9406,
8.4025

■ 19.7910, -9.7570,
2.8143

■ 0.0000, 0.0000,

0.0000

■ 159.4170,
-29.2926, 15.4203

■ 159.4170,
-29.2926, 15.4203

■ 155.6040,
-36.2868, 18.7643

■ 163.2300,
-22.2984, 12.0763

■ 151.3180,
-42.5548, 22.5231

■ 167.5160,
-16.0304, 8.3175

■ 147.5050,
-49.5490, 25.8671

■ 171.3290, -9.0362,
4.9735

■ 143.1050,
-56.2538, 29.7259

■ 175.7290, -2.3314,
1.1147

■ 139.4060,
-62.8112, 32.9699

■ 179.5420, 4.6628,
-2.2293

■ 136.8640,
-67.4740, 35.1993

■ 183.8280, 10.9308,
-5.9882

■ 187.6410, 17.9250,
-9.3322

■ 192.0410, 24.6298,
-13.1910

■ 195.2840, 29.4400,
-16.0351

Harmonies

Analogous

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



161.7170, -27.4685, 37.0822



159.4170, -29.2926, 15.4203



156.0870, -22.2279, -10.6003

Triad

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



159.4170, -29.2926, 15.4203



139.5130, 28.3411, -83.7649



166.3800, 10.6587, 34.7467

Complementary

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



159.4170, -29.2926, 15.4203



117.5830, 29.2926, -15.4203

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.



165.1190, 23.1123, 6.9116



159.4170, -29.2926, 15.4203



148.7250, 33.6596, -62.9028

Square

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



159.4170, -29.2926, 15.4203



144.1440, 11.2680, -67.6553



159.3750, 31.3671, -27.5159



164.9830, -3.9356, 49.1269

Rectangle

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



159.4170, -29.2926, 15.4203



152.6700, -13.1483, -29.5286



159.3750, 31.3671, -27.5159



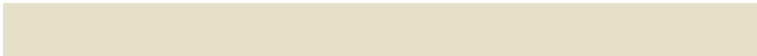
166.4760, 15.0483, 26.7695

Sweetspot

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



159.4170, -29.2926, 15.4203



223.0580, -11.3676, 6.0881



124.7330, -4.7984, 45.8382



110.4860, -7.1416, 3.9588



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



159.4170, -29.2926, 15.4203



202.2320, -45.4704, 24.3525



161.3450, -30.2431, -6.4416



87.3870, -3.6418, 1.4146



117.9480, -58.1484, 30.7406



20.1010, -9.9098, 5.1734

Inverse Universe

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



117.5830, 29.2926, -15.4203



137.1810, 45.7598, -23.8377



115.6550, 30.2431, 6.4416



82.2000, 3.3524, -1.9294



35.0520, 58.1484, -30.7406



5.8990, 9.9098, -5.1734

Previews

White Background



This preview shows how the YUV color 159.4170, -29.2926, 15.4203 looks on a white background.

Color Contrast Check

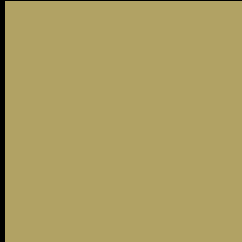
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.4170, -29.2926, 15.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

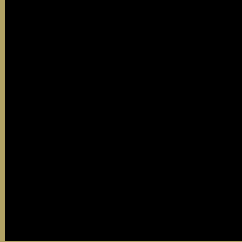
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4170, -29.2926, 15.4203

Background



This preview shows how black text looks on a background with the YUV color 159.4170, -29.2926, 15.4203.



This preview shows how white text looks on a background with the YUV color 159.4170, -29.2926, 15.4203.

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

159.4170, -29.2926, 15.4203

Protanopia

159.4170, -29.2926, 15.4203

Deuteranopia

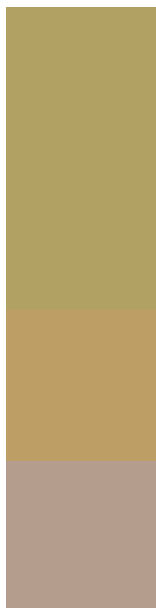
161.2170, -29.1940, 30.5047



Tritanopia

164.3380, 0.8194, 17.2436

Trichromacy



Original Color

159.4170, -29.2926, 15.4203

Protanomaly

159.4170, -29.2926, 15.4203

Deuteranomaly

160.7710, -29.4671, 24.7568

Tritanomaly

162.4660, -10.0897, 16.2543

Monochromacy



Original Color

159.4170, -29.2926, 15.4203

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2860, -10.4940, 5.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4170, -29.2926, 15.4203 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(177, 162, 100)` looks like.

```
.text, #text, p{  
    color:rgb(177, 162, 100)  
}
```

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(177, 162, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 162, 100) }
```

Border

The CSS property to change the border of an element to YUV 159.4170, -29.2926, 15.4203 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(177, 162, 100) }
```


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

```
.border{ border-color:rgb(177, 162, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 162, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 162, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 162, 100);  
box-shadow:4px 4px 4px 4px rgb(177, 162,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 159.4170, -29.2926, 15.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 162, 100) }
```

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

```
.background{ background-color: rgb(177,  
162, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor