

Converting Colors

YUV(153.1070, -29.1398,
13.0612)

Have a look what the booklet for
YUV(153.1070, -29.1398, 13.0612)
contains.

YUV(153.1070, -29.1398, 13.0612)	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(153.1070, -29.1398,
13.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	A89D5E
RGB	168, 157, 94
RGB Percent	66%, 62%, 37%
CMY	0.3412, 0.3843, 0.6314
CMYK	0.00, 0.07, 0.44, 0.34
HSL	51°, 30%, 51%
HSV	51°, 44%, 66%
XYZ	30.2258, 33.2469, 15.4139
YIQ	153.1070, 26.7790, -17.2610

Conversions

Conversions Part 2

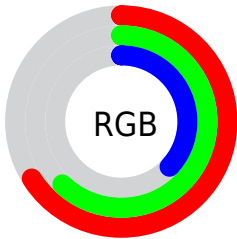
Format	Color
RYB	107, 168, 94
Decimal	11050334
CIELab	64.36, -5.10, 34.32
CIELCh	64, 34.694, 98.447
Yxy	33.2469, 0.3832, 0.4215
Android (android.graphics.Color)	4289240414 (0xFFA89D5E)
YUV	153.1070, -29.1398, 13.0612
Hunter-Lab	57.6601, -7.3345, 24.5125

Details

The YUV color **153.1070, -29.1398, 13.0612** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108.8930, 29.1398, -13.0612**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3630, -30.7450, 14.5906**, and **101.5520, -27.3871, 10.9169** is the 20% darker color. If you saturate the color by 10%, you get **149.9950, -35.9865, 15.7904**, and if you desaturate by 10%, it is **156.2190, -22.2930, 10.3319**.

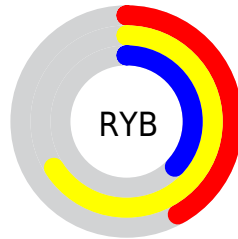
Distribution



Red (66%)

Green (62%)

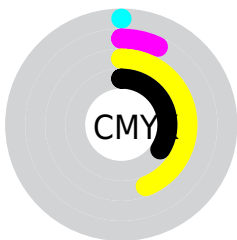
Blue (37%)



Red (42%)

Yellow (66%)

Blue (37%)

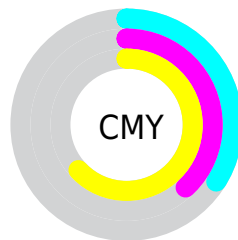


Cyan (0%)

Magenta (7%)

Yellow (44%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1070, -29.1398, 13.0612 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 153.1070, -29.1398, 13.0612 by changing the saturation by 10% instead.

■ 153.1070,
-29.1398, 13.0612

■ 153.1070,
-29.1398, 13.0612

■ 255.0000, 0.0000,
0.0000

■ 127.0360,
-28.1187, 12.2464

■ 207.3630,
-30.7450, 14.5906

■ 101.5520,
-27.3871, 10.9169

■ 236.4340,
-31.7660, 15.4054

■ 77.2530, -27.2397,
10.3021

■ 248.7300,
-24.0239, 5.4988

■ 53.7690, -26.5081,
8.9726

■ 251.9220,
-11.7935, 2.6994

■ 34.2660, -16.8931,
5.0287

■ 13.2680, -6.5411,
-1.9890

■ 0.0000, 0.0000,

0.0000

■ 153.1070,
-29.1398, 13.0612

■ 153.1070,
-29.1398, 13.0612

■ 149.9950,
-35.9865, 15.7904

■ 156.2190,
-22.2930, 10.3319

■ 146.2960,
-42.5439, 19.0344

■ 159.9180,
-15.7356, 7.0879

■ 143.2980,
-48.9539, 21.6637

■ 162.9160, -9.3256,
4.4587

■ 139.5990,
-55.5113, 24.9077

■ 166.6150, -2.7682,
1.2146

■ 136.4870,
-62.3581, 27.6369

■ 169.7270, 4.0786,
-1.5146

■ 134.1730,
-66.1473, 29.6663

■ 173.4260, 10.6360,
-4.7586

■ 176.5380, 17.4828,
-7.4878

■ 180.1230, 23.6034,
-10.6319

■ 183.2350, 30.4501,
-13.3611

Harmonies

Analogous

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



155.2930, -27.7524, 34.8230



153.1070, -29.1398, 13.0612



149.5920, -21.4909, -13.6742

Triad

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



153.1070, -29.1398, 13.0612



130.8650, 31.1256, -90.2126



160.0490, 9.3428, 36.7910

Complementary

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



153.1070, -29.1398, 13.0612



108.8930, 29.1398, -13.0612

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.



159.6140, 22.3753, 9.9855



153.1070, -29.1398, 13.0612



142.9640, 34.5277, -61.3584

Square

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



153.1070, -29.1398, 13.0612



136.3930, 13.6103, -72.2587



153.9840, 31.0669, -24.5420



158.9400, -5.3934, 50.0416

Rectangle

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



153.1070, -29.1398, 13.0612



145.8160, -11.2483, -32.2876



153.9840, 31.0669, -24.5420



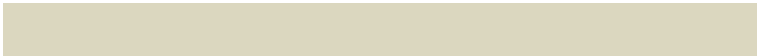
160.5580, 14.0219, 29.3286

Sweetspot

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



153.1070, -29.1398, 13.0612



213.4600, -11.0728, 4.8586



117.3800, -6.1033, 44.3937



106.1870, -6.9942, 3.3440



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



153.1070, -29.1398, 13.0612



195.7970, -45.7489, 20.3490



151.7900, -28.4905, -8.5858



82.5010, -3.2050, 1.3146



118.2140, -58.2795, 26.1223



15.9590, -7.8678, 3.5440

Inverse Universe

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



108.8930, 29.1398, -13.0612



126.2030, 45.7489, -20.3490



110.2100, 28.4905, 8.5858



77.4990, 3.2050, -1.3146



29.7860, 58.2795, -26.1223



4.0410, 7.8678, -3.5440

Previews

White Background



This preview shows how the YUV color 153.1070, -29.1398, 13.0612 looks on a white background.

Color Contrast Check

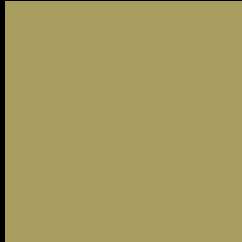
Large Text (above 18pt) WCAG AA × Fail

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 153.1070, -29.1398, 13.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

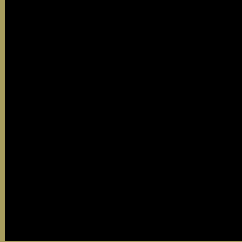
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1070, -29.1398, 13.0612

Background



This preview shows how black text looks on a background with the YUV color 153.1070, -29.1398, 13.0612.



This preview shows how white text looks on a background with the YUV color 153.1070, -29.1398,

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

153.1070, -29.1398, 13.0612

Protanopia

153.4170, -29.2926, 15.4203

Deuteranopia

154.9180, -29.0466, 29.8899



Tritanopia

158.1420, 1.4090, 14.7845

Trichromacy



Original Color

153.1070, -29.1398, 13.0612

Protanomaly

153.1180, -29.1452, 14.8055

Deuteranomaly

154.1730, -29.1723, 23.5273

Tritanomaly

156.2700, -9.5001, 13.7952

Monochromacy



Original Color

153.1070, -29.1398, 13.0612

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.6880, -10.1992, 4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1070, -29.1398, 13.0612 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(168, 157, 94)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 94)  
}
```

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(168, 157, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 94) }
```

Border

The CSS property to change the border of an element to YUV 153.1070, -29.1398, 13.0612 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(168, 157, 94) }
```


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

```
.border{ border-color:rgb(168, 157, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 94);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 153.1070, -29.1398, 13.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 94) }
```

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

```
.background{ background-color: rgb(168,  
157, 94) }
```

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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