

Converting Colors

YUV(159.7090, -28.9435,
-3.2528)

Have a look what the booklet for
YUV(159.7090, -28.9435, -3.2528)
contains.

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Color

**YUV(159.7090, -28.9435,
-3.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	9CAD65
RGB	156, 173, 101
RGB Percent	61%, 68%, 40%
CMY	0.3882, 0.3216, 0.6039
CMYK	0.10, 0.00, 0.42, 0.32
HSL	74°, 31%, 54%
HSV	74°, 42%, 68%
XYZ	31.0028, 37.8946, 17.9923
YIQ	159.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

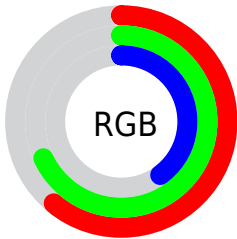
Format	Color
RYB	101, 173, 118
Decimal	10268005
CIELab	67.94, -17.64, 34.98
CIELCh	68, 39.174, 116.760
Yxy	37.8946, 0.3568, 0.4361
Android (android.graphics.Color)	4288458085 (0xFF9CAD65)
YUV	159.7090, -28.9435, -3.2528
Hunter-Lab	61.5586, -17.8295, 25.7618

Details

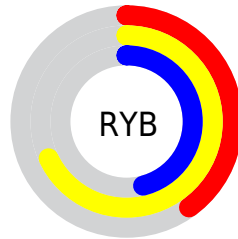
The YUV color **159.7090, -28.9435, -3.2528** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114.2910, 28.9435, 3.2528**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3670, -30.2539, -2.9529**, and **107.7520, -27.4857, -4.1675** is the 20% darker color. If you saturate the color by 10%, you get **156.5750, -35.7795, -4.0123**, and if you desaturate by 10%, it is **162.8430, -22.1076, -2.4933**.

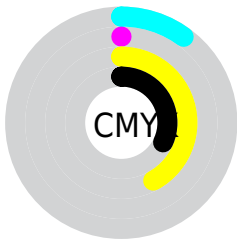
Distribution



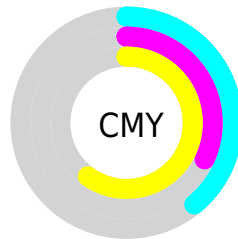
- Red (61%)
- Green (68%)
- Blue (40%)



- Red (40%)
- Yellow (68%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7090, -28.9435, -3.2528 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 159.7090, -28.9435, -3.2528 by changing the saturation by 10% instead.

■ 159.7090,
-28.9435, -3.2528

■ 159.7090,
-28.9435, -3.2528

■ 255.0000, 0.0000,
0.0000

■ 132.9370,
-28.0699, -3.4527

■ 214.3670,
-30.2539, -2.9529

■ 107.7520,
-27.4857, -4.1675

■ 241.9650,
-30.5487, -1.7233

■ 82.8660, -27.0489,
-4.2675

■ 249.6420,
-20.5295, 4.6990

■ 58.7520, -27.4857,
-4.1675

■ 252.8340, -8.2992,
1.8996

■ 38.6190, -19.0392,
-6.6819

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 159.7090,
-28.9435, -3.2528

■ 159.7090,
-28.9435, -3.2528

■ 156.5750,
-35.7795, -4.0123

■ 162.8430,
-22.1076, -2.4933

■ 153.3270,
-43.0522, -4.6718

■ 166.0910,
-14.8349, -1.8338

■ 150.1930,
-49.8881, -5.4313

■ 169.2250, -7.9989,
-1.0743

■ 147.0590,
-56.7241, -6.1907

■ 172.3590, -1.1630,
-0.3148

■ 143.8110,
-63.9968, -6.8502

■ 175.6070, 6.1097,
0.3447

■ 141.0190,
-69.5224, -7.9097

■ 179.0400, 12.7983,
1.7189

■ 182.1740, 19.6342,
2.4784

■ 185.3080, 26.4702,
3.2379

■ 188.3280, 32.8693,
4.0973

Harmonies

Analogous

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



163.2180, -34.1245, 25.2418



159.7090, -28.9435, -3.2528



154.1100, -13.8582, -35.1765

Triad

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



159.7090, -28.9435, -3.2528



138.0840, 42.3566, -99.1747



169.2700, 0.8529, 53.2602

Complementary

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



159.7090, -28.9435, -3.2528



114.2910, 28.9435, 3.2528

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.



170.0790, 17.2161, 31.5027



159.7090, -28.9435, -3.2528



158.0890, 38.4101, -46.5591

Square

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



159.7090, -28.9435, -3.2528



130.3520, 32.3645, -114.3187



167.8880, 30.1282, -3.4098



167.3510, -15.4560, 57.5742

Rectangle

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



159.7090, -28.9435, -3.2528



148.8110, -0.3998, -58.5932



167.8880, 30.1282, -3.4098



169.4310, 6.6895, 47.8570

Sweetspot

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



159.7090, -28.9435, -3.2528



219.1280, -10.9091, -0.9893



132.5070, -15.5330, 35.5124



108.9800, -6.3991, -0.8595



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



159.7090, -28.9435, -3.2528



203.4580, -45.0888, -4.7867



148.9450, -23.6369, -25.3848



85.3760, -3.6364, -0.3298



122.4350, -60.3605, -6.5205



18.8830, -9.3093, -0.7744

Inverse Universe

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



114.2910, 28.9435, 3.2528



132.8410, 44.9414, 5.4014



125.0550, 23.6369, 25.3848



79.6240, 3.6364, 0.3298



27.8640, 60.2130, 7.1353



4.1170, 9.3093, 0.7744

Previews

White Background



This preview shows how the YUV color 159.7090, -28.9435, -3.2528 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 159.7090, -28.9435, -3.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

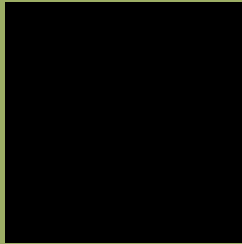
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.7090, -28.9435, -3.2528

Background



This preview shows how black text looks on a background with the YUV color 159.7090, -28.9435, -3.2528.



This preview shows how white text looks on a background with the YUV color 159.7090, -28.9435, -3.2528.

-3.2528.

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

159.7090, -28.9435, -3.2528

Protanopia

162.1460, -31.6240, 16.5350

Deuteranopia

164.1030, -29.6308, 30.6047



Tritanopia

166.0800, 5.3836, -0.0702

Trichromacy



Original Color

159.7090, -28.9435, -3.2528

Protanomaly

161.3300, -30.7287, 9.3576

Deuteranomaly

162.1400, -29.1560, 18.2942

Tritanomaly

163.4530, -7.1253, -1.2743

Monochromacy



Original Color

159.7090, -28.9435, -3.2528

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2420, -10.4723, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7090, -28.9435, -3.2528 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(156, 173, 101)` looks like.

```
.text, #text, p{  
    color:rgb(156, 173, 101)  
}
```

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(156, 173, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 173, 101) }
```

Border

The CSS property to change the border of an element to YUV 159.7090, -28.9435, -3.2528 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(156, 173, 101) }
```


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

```
.border{ border-color:rgb(156, 173, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 173, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 173, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 173, 101);  
box-shadow:4px 4px 4px 4px rgb(156, 173,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 159.7090, -28.9435, -3.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 173, 101) }
```

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

```
.background{ background-color: rgb(156,  
173, 101) }
```

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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