

Converting Colors

YUV(158.4210, -28.8016,
-2.1232)

Have a look what the booklet for
YUV(158.4210, -28.8016, -2.1232)
contains.

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Color

**YUV(158.4210, -28.8016,
-2.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	9CAB64
RGB	156, 171, 100
RGB Percent	61%, 67%, 39%
CMY	0.3882, 0.3294, 0.6078
CMYK	0.09, 0.00, 0.42, 0.33
HSL	73°, 30%, 53%
HSV	73°, 42%, 67%
XYZ	30.5735, 37.1138, 17.6089
YIQ	158.4210, 13.8510, -25.2610

Conversions

Conversions Part 2

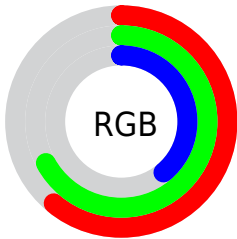
Format	Color
RYB	100, 171, 115
Decimal	10267492
CIELab	67.36, -16.73, 34.76
CIELCh	67, 38.580, 115.703
Yxy	37.1138, 0.3584, 0.4351
Android (android.graphics.Color)	4288457572 (0xFF9CAB64)
YUV	158.4210, -28.8016, -2.1232
Hunter-Lab	60.9211, -17.0312, 25.5074

Details

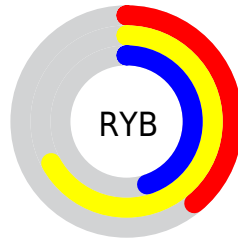
The YUV color **158.4210, -28.8016, -2.1232** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **112.5790, 28.8016, 2.1232**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0790, -30.1119, -1.8233**, and **106.4640, -27.3438, -3.0379** is the 20% darker color. If you saturate the color by 10%, you get **155.2870, -35.6375, -2.8827**, and if you desaturate by 10%, it is **161.5550, -21.9656, -1.3637**.

Distribution



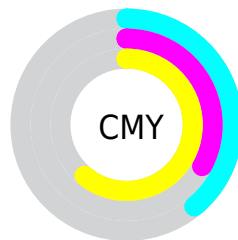
- Red (61%)
- Green (67%)
- Blue (39%)



- Red (39%)
- Yellow (67%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4210, -28.8016, -2.1232 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 158.4210, -28.8016, -2.1232 by changing the saturation by 10% instead.

■ 158.4210,
-28.8016, -2.1232

■ 158.4210,
-28.8016, -2.1232

■ 255.0000, 0.0000,
0.0000

■ 131.6490,
-27.9280, -2.3232

■ 213.0790,
-30.1119, -1.8233

■ 106.4640,
-27.3438, -3.0379

■ 241.8510,
-30.9855, -1.6233

■ 81.5780, -26.9070,
-3.1379

■ 249.5280,
-20.9663, 4.7989

■ 57.4640, -27.3438,
-3.0379

■ 252.7200, -8.7360,
1.9996

■ 37.4450, -18.4604,
-5.6523

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 158.4210,
-28.8016, -2.1232

■ 158.4210,
-28.8016, -2.1232

■ 155.2870,
-35.6375, -2.8827

■ 161.5550,
-21.9656, -1.3637

■ 152.4520,
-42.6208, -3.0274

■ 164.3900,
-14.9823, -1.2190

■ 149.3180,
-49.4568, -3.7869

■ 167.5240, -8.1463,
-0.4595

■ 146.4830,
-56.4401, -3.9316

■ 170.3590, -1.1630,
-0.3148

■ 143.2350,
-63.7129, -4.5911

■ 173.4930, 5.6730,
0.4446

■ 140.7420,
-69.3858, -5.0357

■ 176.7410, 12.9457,
1.1041

■ 179.5760, 19.9290,
1.2488

■ 182.7100, 26.7650,
2.0083

■ 185.8440, 33.6009,
2.7678

Harmonies

Analogous

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



161.7450, -33.3983, 25.6566



158.4210, -28.8016, -2.1232



153.0070, -14.3005, -33.3321

Triad

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



158.4210, -28.8016, -2.1232



137.1550, 41.3356, -98.3599



167.6720, 1.1477, 52.0307

Complementary

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



158.4210, -28.8016, -2.1232



112.5790, 28.8016, 2.1232

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.



168.4810, 17.5109, 30.2732



158.4210, -28.8016, -2.1232



156.5620, 37.6839, -46.9739

Square

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



158.4210, -28.8016, -2.1232



128.8360, 31.6329, -112.9892



166.1760, 29.9862, -4.5394



166.1660, -14.8718, 56.8594

Rectangle

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



158.4210, -28.8016, -2.1232



148.0070, -0.9895, -56.1341



166.1760, 29.9862, -4.5394



168.4200, 6.6949, 46.1127

Sweetspot

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



158.4210, -28.8016, -2.1232



217.1280, -10.9091, -0.9893



129.4470, -14.5174, 36.4420



109.2790, -6.5465, -0.2447



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.



158.4210, -28.8016, -2.1232



202.1700, -44.9468, -3.6571



147.9560, -23.6423, -23.6404



85.3760, -3.6364, -0.3298



123.6310, -60.9501, -4.0614



18.8830, -9.3093, -0.7744

Inverse Universe

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



112.5790, 28.8016, 2.1232



130.5310, 45.0942, 3.0423



123.0440, 23.6423, 23.6404



79.6240, 3.6364, 0.3298



26.6680, 60.8027, 4.6762



4.1170, 9.3093, 0.7744

Previews

White Background



This preview shows how the YUV color 158.4210, -28.8016, -2.1232 looks on a white background.

Color Contrast Check

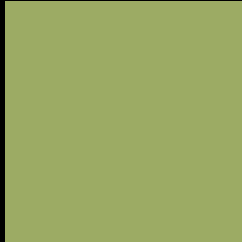
Large Text (above 18pt) WCAG AA × Fail

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 158.4210, -28.8016, -2.1232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

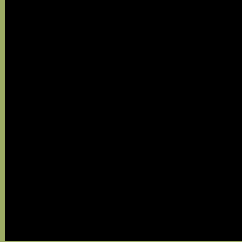
Any Text WCAG AA ✓ Pass

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 158.4210, -28.8016, -2.1232 Background



This preview shows how black text looks on a background with the YUV color 158.4210, -28.8016, -2.1232.



This preview shows how white text looks on a background with the YUV color 158.4210, -28.8016, -2.1232.

-2.1232.

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

158.4210, -28.8016, -2.1232

Protanopia

160.8470, -31.4766, 15.9202

Deuteranopia

162.5160, -29.3414, 31.1195



Tritanopia

164.3790, 5.2362, 0.5446

Trichromacy



Original Color

158.4210, -28.8016, -2.1232

Protanomaly

160.3300, -30.7287, 9.3576

Deuteranomaly

160.8520, -29.0140, 19.4238

Tritanomaly

162.1650, -6.9833, -0.1447

Monochromacy



Original Color

158.4210, -28.8016, -2.1232

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2420, -10.4723, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4210, -28.8016, -2.1232 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, 171, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 171, 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(156, 171, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 171, 100) }
```

Border

The CSS property to change the border of an element to YUV 158.4210, -28.8016, -2.1232 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, 171, 100) }
```


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

```
.border{ border-color:rgb(156, 171, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 171, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 171, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 171, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 171,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 158.4210, -28.8016, -2.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 171, 100) }
```

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

```
.background{ background-color: rgb(156,  
171, 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](#).

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