

Converting Colors

YUV(138.7990, -28.9879,
-35.7807)

Have a look what the booklet for
YUV(138.7990, -28.9879, -35.7807)
contains.

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Color

**YUV(138.7990, -28.9879,
-35.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	62AB50
RGB	98, 171, 80
RGB Percent	38%, 67%, 31%
CMY	0.6157, 0.3294, 0.6863
CMYK	0.43, 0.00, 0.53, 0.33
HSL	108°, 36%, 49%
HSV	108°, 53%, 67%
XYZ	21.0479, 32.3017, 12.7149
YIQ	138.7990, -14.2970, -43.7770

Conversions

Conversions Part 2

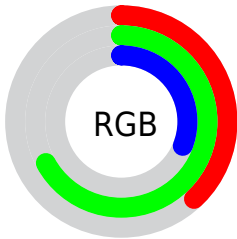
Format	Color
RYB	80, 171, 153
Decimal	6466384
CIELab	63.59, -40.57, 39.47
CIELCh	64, 56.599, 135.785
Yxy	32.3017, 0.3186, 0.4889
Android (android.graphics.Color)	4284656464 (0xFF62AB50)
YUV	138.7990, -28.9879, -35.7807
Hunter-Lab	56.8346, -33.3555, 26.5199

Details

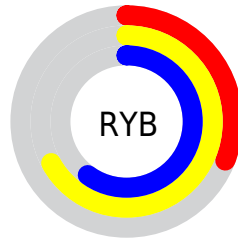
The YUV color **138.7990, -28.9879, -35.7807** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **112.2010, 28.9879, 35.7807**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9300, -31.0245, -35.8956**, and **85.5430, -27.3827, -37.3102** is the 20% darker color. If you saturate the color by 10%, you get **132.6750, -34.3498, -42.6880**, and if you desaturate by 10%, it is **144.9230, -23.6260, -28.8735**.

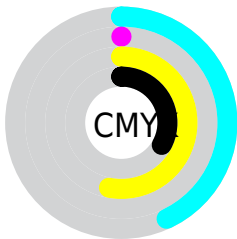
Distribution



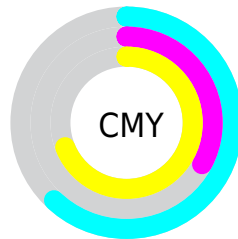
- Red (38%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7990, -28.9879, -35.7807 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 138.7990, -28.9879, -35.7807 by changing the saturation by 10% instead.

■ 138.7990,
-28.9879, -35.7807

■ 138.7990,
-28.9879, -35.7807

■ 255.0000, 0.0000,
0.0000

■ 112.0270,
-28.1143, -35.9807

■ 193.9300,
-31.0245, -35.8956

■ 85.5430, -27.3827,
-37.3102

■ 221.8160,
-31.4613, -35.7956

■ 55.9010, -27.0662,
-45.5172

■ 233.3800,
-23.3583, -21.3813

■ 39.9160, -19.6786,
-35.0063

■ 245.5420,
-15.5502, -5.7373

■ 27.0020, -13.3120,
-23.6808

■ 253.5180, -5.6784,
1.2997

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 138.7990,
-28.9879, -35.7807

■ 138.7990,
-28.9879, -35.7807

■ 132.6750,
-34.3498, -42.6880

■ 144.9230,
-23.6260, -28.8735

■ 126.8500,
-39.8590, -48.9804

■ 150.7480,
-18.1168, -22.5810

■ 120.7260,
-45.2209, -55.8877

■ 156.8720,
-12.7549, -15.6737

■ 114.6020,
-50.5828, -62.7950

■ 162.9960, -7.3930,
-8.7665

■ 110.5430,
-54.4977, -67.1282

■ 169.1200, -2.0312,
-1.8592

■ 175.0590, 3.9149,
4.3333

■ 181.1830, 9.2768,
11.2405

■ 187.3070, 14.6386,
18.1478

■ 193.1320, 20.1479,
24.4402

Harmonies

Analogous

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



146.1500, -47.8950, 8.6384



138.7990, -28.9879, -35.7807



118.4910, 4.6879, -103.9166

Triad

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



138.7990, -28.9879, -35.7807



126.0560, 61.5974, -110.5511



152.5420, -11.6062, 82.8397

Complementary

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



138.7990, -28.9879, -35.7807



112.2010, 28.9879, 35.7807

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.



156.2300, 11.7186, 68.2043



138.7990, -28.9879, -35.7807



149.8530, 49.8655, -34.0741

Square

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



138.7990, -28.9879, -35.7807



128.9620, 47.3467, -113.0997



158.4820, 32.7934, 28.5183



151.7430, -33.3973, 72.1394

Rectangle

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



138.7990, -28.9879, -35.7807



123.6550, 19.3971, -108.4454



158.4820, 32.7934, 28.5183



153.5940, -3.7438, 81.0401

Sweetspot

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



138.7990, -28.9879, -35.7807



209.2250, -11.4499, -14.2293



150.0600, -34.5396, 18.3644



104.5230, -6.6668, -8.3517



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.



138.7990, -28.9879, -35.7807



171.7260, -45.2209, -55.8877



136.4950, -14.5410, -49.5461



83.8810, -2.8993, -3.4036



97.0200, -47.8309, -58.7765



14.9960, -7.3930, -8.7665

Inverse Universe

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



112.2010, 28.9879, 35.7807



130.2740, 45.2209, 55.8877



114.5050, 14.5410, 49.5461



81.1190, 2.8993, 3.4036



53.2790, 47.6835, 59.3913



8.0040, 7.3930, 8.7665

Previews

White Background



This preview shows how the YUV color 138.7990, -28.9879, -35.7807 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 138.7990, -28.9879, -35.7807 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 138.7990, -28.9879, -35.7807 Background



This preview shows how black text looks on a background with the YUV color 138.7990, -28.9879, -35.7807.



This preview shows how white text looks on a background with the YUV color 138.7990, -28.9879, -35.7807.

-35.7807.

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

138.7990, -28.9879, -35.7807

Protanopia

149.0770, -37.0130, 18.3495

Deuteranopia

151.4190, -32.2516, 31.2045



Tritanopia

148.7280, 12.4591, -29.5795

Trichromacy



Original Color

138.7990, -28.9879, -35.7807

Protanomaly

145.6400, -34.3325, -1.4383

Deuteranomaly

146.9060, -31.0127, 7.0984

Tritanomaly

145.4060, -2.6652, -31.9281

Monochromacy



Original Color

138.7990, -28.9879, -35.7807

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.1650, -10.4343, -13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7990, -28.9879, -35.7807 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(98, 171, 80)` looks like.

```
.text, #text, p{  
    color:rgb(98, 171, 80)  
}
```

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(98, 171, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 171, 80) }
```

Border

The CSS property to change the border of an element to YUV 138.7990, -28.9879, -35.7807 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(98, 171, 80) }
```


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

```
.border{ border-color:rgb(98, 171, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 171, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 171, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 171, 80);  
box-shadow:4px 4px 4px 4px rgb(98, 171,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 138.7990, -28.9879, -35.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 171, 80) }
```

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

```
.background{ background-color: rgb(98, 171,  
80) }
```

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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