

Converting Colors

YUV(133.4140, -28.3051,
-21.4111)

Have a look what the booklet for
YUV(133.4140, -28.3051, -21.4111)
contains.

YUV(133.4140, -28.3051, -21.4111)	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(133.4140, -28.3051,
-21.4111)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9D4C
RGB	109, 157, 76
RGB Percent	43%, 62%, 30%
CMY	0.5725, 0.3843, 0.7020
CMYK	0.31, 0.00, 0.52, 0.38
HSL	96°, 35%, 46%
HSV	96°, 52%, 62%
XYZ	19.6682, 27.8870, 11.1836
YIQ	133.4140, -2.6070, -35.3670

Conversions

Conversions Part 2

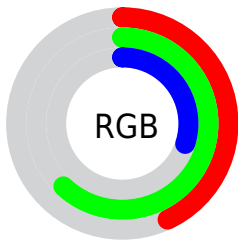
Format	Color
RYB	76, 157, 124
Decimal	7183692
CIELab	59.79, -30.92, 37.00
CIELCh	60, 48.224, 129.887
Yxy	27.8870, 0.3348, 0.4748
Android (android.graphics.Color)	4285373772 (0xFF6D9D4C)
YUV	133.4140, -28.3051, -21.4111
Hunter-Lab	52.8081, -25.9326, 24.4094

Details

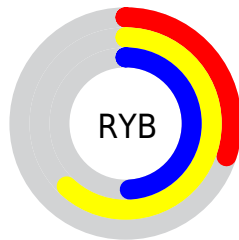
The YUV color **133.4140, -28.3051, -21.4111** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **99.5860, 28.3051, 21.4111**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6590, -29.9049, -21.6259**, and **82.0550, -27.1421, -21.0962** is the 20% darker color. If you saturate the color by 10%, you get **128.8990, -33.9672, -25.3444**, and if you desaturate by 10%, it is **137.9290, -22.6430, -17.4777**.

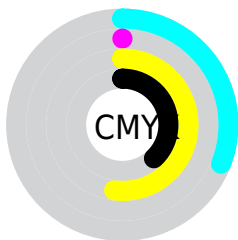
Distribution



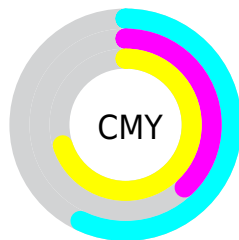
- Red (43%)
- Green (62%)
- Blue (30%)



- Red (30%)
- Yellow (62%)
- Blue (49%)



- Cyan (31%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (57%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4140, -28.3051, -21.4111 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 133.4140, -28.3051, -21.4111 by changing the saturation by 10% instead.

■ 133.4140,
-28.3051, -21.4111

■ 133.4140,
-28.3051, -21.4111

■ 255.0000, 0.0000,
0.0000

■ 107.6420,
-27.4315, -21.6110

■ 187.6590,
-29.9049, -21.6259

■ 82.0550, -27.1421,
-21.0962

■ 215.1320,
-30.6311, -22.0408

■ 56.8160, -28.0103,
-22.6406

■ 235.8000,
-27.0164, -14.7336

■ 34.6550, -17.0849,
-26.8844

■ 247.5490,
-19.4977, 0.3955

■ 21.1320, -10.4181,
-18.5328

■ 252.9480, -7.8624,
1.7996

■ 0.0000, 0.0000,
0.0000

■ 133.4140,
-28.3051, -21.4111

■ 133.4140,
-28.3051, -21.4111

■ 128.8990,
-33.9672, -25.3444

■ 137.9290,
-22.6430, -17.4777

■ 124.1990,
-39.0451, -29.9925

■ 142.6290,
-17.5651, -12.8296

■ 119.6840,
-44.7072, -33.9259

■ 147.1440,
-11.9030, -8.8963

■ 115.1690,
-50.3693, -37.8592

■ 151.6590, -6.2409,
-4.9629

■ 111.2950,
-54.8684, -41.4777

■ 156.4730, -0.7262,
-0.4148

■ 160.8740, 4.4991,
3.6185

■ 165.3890, 10.1612,
7.5518

■ 169.9040, 15.8233,

11.4852

■ 174.6040, 20.9012,
16.1333

Harmonies

Analogous

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



138.4310, -40.6385, 14.5310



133.4140, -28.3051, -21.4111



119.9250, -3.4140, -71.8482

Triad

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



133.4140, -28.3051, -21.4111



116.9940, 52.2610, -102.6037



144.5340, -6.1793, 68.8147

Complementary

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



133.4140, -28.3051, -21.4111



99.5860, 28.3051, 21.4111

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.



147.4730, 13.0778, 52.2052



133.4140, -28.3051, -21.4111



138.9250, 43.9140, -38.5222

Square

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



133.4140, -28.3051, -21.4111



118.1390, 38.8785, -103.6079



147.7100, 30.2160, 15.1633



143.1640, -25.2239, 63.8772

Rectangle

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



133.4140, -28.3051, -21.4111



113.0430, 14.2758, -99.1387



147.7100, 30.2160, 15.1633



145.2330, 0.3781, 65.5707

Sweetspot

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



133.4140, -28.3051, -21.4111



195.0840, -10.8874, -7.9667



127.8080, -25.5413, 25.6014



96.6590, -6.2409, -4.9629



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



133.4140, -28.3051, -21.4111



167.2110, -43.9810, -33.5110



124.3450, -20.3831, -42.3986



76.5930, -2.7573, -2.2741



101.2830, -49.9325, -37.9592



10.5990, -5.2253, -4.0333

Inverse Universe

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



99.5860, 28.3051, 21.4111



114.4900, 44.1284, 32.8963



108.6550, 20.3831, 42.3986



73.4070, 2.7573, 2.2741



41.7170, 49.9325, 37.9592



4.4010, 5.2253, 4.0333

Previews

White Background



This preview shows how the YUV color 133.4140, -28.3051, -21.4111 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4140, -28.3051, -21.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

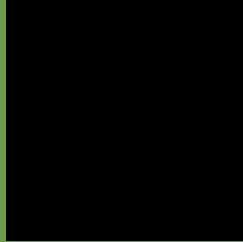
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4140, -28.3051, -21.4111 Background



This preview shows how black text looks on a background with the YUV color 133.4140, -28.3051, -21.4111.



This preview shows how white text looks on a background with the YUV color 133.4140, -28.3051, -21.4111.

-21.4111.

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

133.4140, -28.3051, -21.4111

Protanopia

140.2770, -33.6606, 16.4201

Deuteranopia

141.9780, -30.0622, 28.9603



Tritanopia

141.5940, 9.0742, -17.1839

Trichromacy



Original Color

133.4140, -28.3051, -21.4111

Protanomaly

137.9440, -32.0174, 2.6801

Deuteranomaly

138.6830, -29.4237, 10.8020

Tritanomaly

138.3260, -4.5977, -18.7029

Monochromacy



Original Color

133.4140, -28.3051, -21.4111

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1980, -10.4506, -8.0666

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4140, -28.3051, -21.4111 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(109, 157, 76)` looks like.

```
.text, #text, p{  
    color:rgb(109, 157, 76)  
}
```

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(109, 157, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 157, 76) }
```

Border

The CSS property to change the border of an element to YUV 133.4140, -28.3051, -21.4111 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(109, 157, 76) }
```


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

```
.border{ border-color:rgb(109, 157, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 157, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 157, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 157, 76);  
box-shadow:4px 4px 4px 4px rgb(109, 157,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 133.4140, -28.3051, -21.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 157, 76) }
```

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

```
.background{ background-color: rgb(109,  
157, 76) }
```

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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