

Converting Colors

YUV(142.1740, -28.1868,
-106.2696)

Have a look what the booklet for
YUV(142.1740, -28.1868, -106.2696)
contains.

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Color

**YUV(142.1740, -28.1868,
-106.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	15D755
RGB	21, 215, 85
RGB Percent	8%, 84%, 33%
CMY	0.9176, 0.1569, 0.6667
CMYK	0.90, 0.00, 0.60, 0.16
HSL	140°, 82%, 46%
HSV	140°, 90%, 84%
XYZ	26.2494, 49.4162, 16.7491
YIQ	142.1740, -73.8940, -81.5580

Conversions

Conversions Part 2

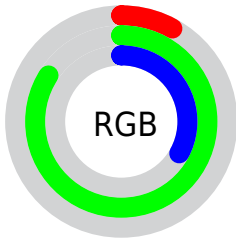
Format	Color
RYB	21, 167, 215
Decimal	1431381
CIELab	75.71, -69.69, 50.96
CIELCh	76, 86.333, 143.826
Yxy	49.4162, 0.2840, 0.5347
Android (android.graphics.Color)	4279621461 (0xFF15D755)
YUV	142.1740, -28.1868, -106.2696
Hunter-Lab	70.2966, -56.3656, 35.0810

Details

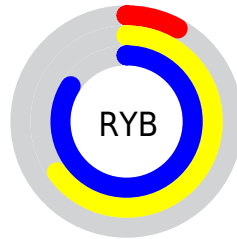
The YUV color **142.1740, -28.1868, -106.2696** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **93.8260, 28.1868, 106.2696**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4210, -29.2946, -77.5452**, and **96.1660, -32.6198, -84.3376** is the 20% darker color. If you saturate the color by 10%, you get **134.2990, -31.2064, -117.7802**, and if you desaturate by 10%, it is **150.3480, -25.3146, -94.1442**.

Distribution



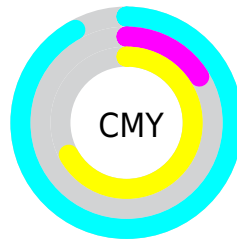
- Red (8%)
- Green (84%)
- Blue (33%)



- Red (8%)
- Yellow (65%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (60%)
- Black (16%)



- Cyan (92%)
- Magenta (16%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1740, -28.1868, -106.2696 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 142.1740, -28.1868, -106.2696 by changing the saturation by 10% instead.

■ 142.1740,
-28.1868, -106.2696

■ 142.1740,
-28.1868, -106.2696

■ 255.0000, 0.0000,
0.0000

■ 115.7940,
-28.4924, -101.5513

■ 198.4210,
-29.2946, -77.5452

■ 96.1660, -32.6198,
-84.3376

■ 211.0670,
-22.2180, -60.5718

■ 76.8970, -37.9102,
-67.4387

■ 223.8270,
-14.7047, -43.6983

■ 61.6350, -30.3861,
-54.0539

■ 236.4020, -6.6072,
-27.5396

■ 46.3730, -22.8619,
-40.6691

■ 248.9770, 1.4903,
-11.3808

■ 32.2850, -15.9165,
-28.3139

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 142.1740,
-28.1868, -106.2696

■ 142.1740,
-28.1868, -106.2696

■ 134.2990,
-31.2064, -117.7802

■ 150.3480,
-25.3146, -94.1442

■ 158.3370,
-21.8581, -82.7335

■ 166.5110,
-18.9859, -70.6081

■ 174.5000,
-15.5295, -59.1975

■ 182.6740,
-12.6573, -47.0721

■ 190.5490, -9.6377,
-35.5615

■ 198.8370, -6.3286,
-23.5360

■ 206.7120, -3.3090,
-12.0254

■ 215.0000, 0.0000,
0.0000

Harmonies

Analogous

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



166.4250, -82.0475, -3.8807



142.1740, -28.1868, -106.2696



149.3520, 8.7005, -130.9817

Triad

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



142.1740, -28.1868, -106.2696



147.0570, 53.2159, -128.9690



154.7060, -13.6591, 87.9578

Complementary

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



142.1740, -28.1868, -106.2696



93.8260, 28.1868, 106.2696

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.



159.7170, 23.3105, 83.5632



142.1740, -28.1868, -106.2696



174.8730, 39.5026, -23.5676

Square

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



142.1740, -28.1868, -106.2696



156.4490, 48.5856, -137.2058



183.9730, 35.0163, 62.2907



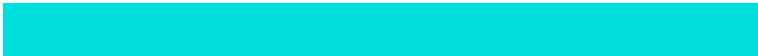
166.3420, -55.3846, 77.7531

Rectangle

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



142.1740, -28.1868, -106.2696



156.2090, 32.4350, -136.9953



183.9730, 35.0163, 62.2907



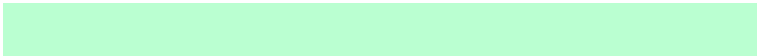
152.9740, 0.0128, 89.4768

Sweetspot

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



142.1740, -28.1868, -106.2696



229.1250, -9.9216, -37.8206



174.6450, -75.7470, -18.1057



112.5490, -6.1867, -22.4065



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.1740, -28.1868, -106.2696



159.2610, -37.1037, -139.6719



152.8900, 12.8722, -115.6675



102.9130, -1.4361, -6.0627



106.7610, -25.0252, -93.6294



26.8370, -6.3286, -23.5360

Inverse Universe

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



93.8260, 28.1868, 106.2696



95.7390, 37.1037, 139.6719



83.1100, -12.8722, 115.6675



100.2010, 1.8729, 5.9627



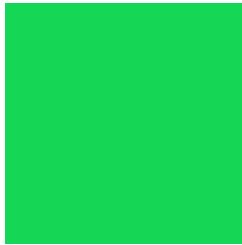
64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 142.1740, -28.1868, -106.2696 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 142.1740, -28.1868, -106.2696 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 142.1740, -28.1868, -106.2696 Background



This preview shows how black text looks on a background with the YUV color 142.1740, -28.1868, -106.2696.

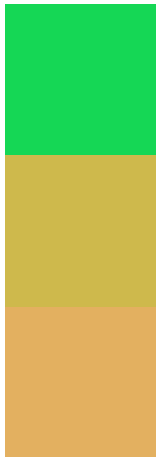


This preview shows how white text looks on a background with the YUV color 142.1740, -28.1868, -106.2696.

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

142.1740, -28.1868, -106.2696

Protanopia

178.8530, -50.7065, 23.8079

Deuteranopia

182.1290, -42.4616, 39.3519



Tritanopia

169.4390, 23.9406, -72.2990

Trichromacy



Original Color

142.1740, -28.1868, -106.2696



Protanomaly

165.6190, -42.7032, -23.3449



Deuteranomaly

167.4660, -37.2047, -13.5637



Tritanomaly

159.7260, 5.0651, -84.8287

Monochromacy



Original Color

142.1740, -28.1868, -106.2696



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.2990, -10.5004, -38.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1740, -28.1868, -106.2696 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(21, 215, 85)` looks like.

```
.text, #text, p{  
    color:rgb(21, 215, 85)  
}
```

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(21, 215, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 215, 85) }
```

Border

The CSS property to change the border of an element to YUV 142.1740, -28.1868, -106.2696 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(21, 215, 85) }
```


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

```
.border{ border-color:rgb(21, 215, 85) }
```

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

Here you see how a box with a 4 pixel rgb(21, 215, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 215, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 215, 85);  
box-shadow:4px 4px 4px 4px rgb(21, 215,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 142.1740, -28.1868, -106.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 215, 85) }
```

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

```
.background{ background-color: rgb(21, 215,  
85) }
```

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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