

Converting Colors

YUV(142.4420, -34.7279,
-108.2586)

Have a look what the booklet for
YUV(142.4420, -34.7279, -108.2586)
contains.

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Color

**YUV(142.4420, -34.7279,
-108.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	13DB48
RGB	19, 219, 72
RGB Percent	7%, 86%, 28%
CMY	0.9255, 0.1412, 0.7176
CMYK	0.91, 0.00, 0.67, 0.14
HSL	136°, 84%, 47%
HSV	136°, 91%, 86%
XYZ	26.7698, 51.2694, 14.6160
YIQ	142.4420, -72.0130, -88.1170

Conversions

Conversions Part 2

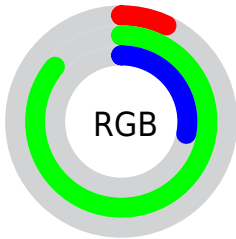
Format	Color
RYB	19, 177, 219
Decimal	1301320
CIELab	76.84, -72.43, 57.67
CIELCh	77, 92.586, 141.475
Yxy	51.2694, 0.2889, 0.5533
Android (android.graphics.Color)	4279491400 (0xFF13DB48)
YUV	142.4420, -34.7279, -108.2586
Hunter-Lab	71.6026, -58.5695, 38.0192

Details

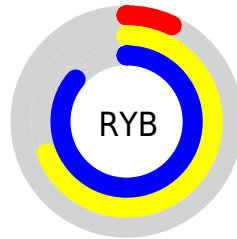
The YUV color **142.4420, -34.7279, -108.2586** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **95.5580, 34.7279, 108.2586**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3520, -34.6835, -75.7307**, and **95.3220, -46.0077, -83.5974** is the 20% darker color. If you saturate the color by 10%, you get **135.1650, -38.0423, -118.5397**, and if you desaturate by 10%, it is **150.8440, -30.9821, -96.3332**.

Distribution



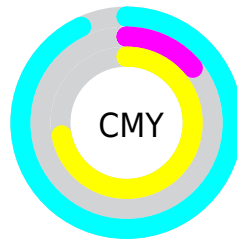
- Red (7%)
- Green (86%)
- Blue (28%)



- Red (7%)
- Yellow (69%)
- Blue (86%)



- Cyan (91%)
- Magenta (0%)
- Yellow (67%)
- Black (14%)



- Cyan (93%)
- Magenta (14%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4420, -34.7279, -108.2586 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 142.4420, -34.7279, -108.2586 by changing the saturation by 10% instead.

■ 142.4420,
-34.7279, -108.2586

■ 142.4420,
-34.7279, -108.2586

■ 255.0000, 0.0000,
0.0000

■ 116.4320,
-36.2020, -102.1109

■ 197.3520,
-34.6835, -75.7307

■ 95.3220, -46.0077,
-83.5974

■ 210.2970,
-27.7544, -58.1425

■ 79.2450, -39.0678,
-69.4979

■ 223.0570,
-20.2411, -41.2690

■ 63.3960, -31.2542,
-55.5983

■ 235.6320,
-12.1436, -25.1103

■ 48.1340, -23.7301,
-42.2135

■ 248.5060, -4.1935,
-8.3368

■ 34.0460, -16.7847,
-29.8583

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 142.4420,
-34.7279, -108.2586

■ 142.4420,
-34.7279, -108.2586

■ 135.1650,
-38.0423, -118.5397

■ 150.8440,
-30.9821, -96.3332

■ 159.2460,
-27.2363, -84.4077

■ 167.6480,
-23.4905, -72.4823

■ 176.0500,
-19.7446, -60.5568

■ 184.4520,
-15.9988, -48.6314

■ 192.6690,
-11.6688, -37.4207

■ 201.0710, -7.9230,
-25.4953

■ 209.4730, -4.1772,
-13.5698

■ 217.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



170.2790, -83.9475, -1.1217



142.4420, -34.7279, -108.2586



151.0160, 4.9221, -132.4410

Triad

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



142.4420, -34.7279, -108.2586



150.5790, 51.4796, -132.0578



149.5200, -8.1444, 92.5060

Complementary

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



142.4420, -34.7279, -108.2586



95.5580, 34.7279, 108.2586

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.



156.8620, 30.1410, 86.0670



142.4420, -34.7279, -108.2586



171.8280, 41.0038, -38.4372

Square

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



142.4420, -34.7279, -108.2586



159.9710, 46.8493, -140.2946



184.5600, 34.7269, 61.7759



163.6520, -55.5374, 80.1122

Rectangle

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



142.4420, -34.7279, -108.2586



159.0300, 30.5512, -139.4693



184.5600, 34.7269, 61.7759



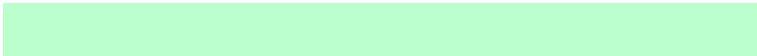
148.6030, 6.1117, 93.3102

Sweetspot

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



142.4420, -34.7279, -108.2586



228.5550, -12.1056, -37.3207



181.2500, -79.9892, -10.7432



112.3210, -7.0603, -22.2065



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.



142.4420, -34.7279, -108.2586



157.4370, -44.0924, -138.0722



153.5000, 7.6415, -117.9565



105.7990, -1.8729, -5.9627



106.7950, -29.9719, -93.6592



28.3700, -8.0704, -24.8805

Inverse Universe

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



95.5580, 34.7279, 108.2586



97.5630, 44.0924, 138.0722



84.5000, -7.6415, 117.9565



103.2010, 1.8729, 5.9627



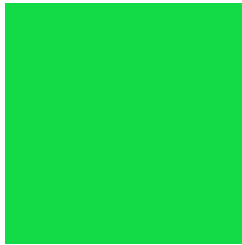
66.2050, 29.9719, 93.6592



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 142.4420, -34.7279, -108.2586 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 142.4420, -34.7279, -108.2586 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 142.4420, -34.7279, -108.2586 Background



This preview shows how black text looks on a background with the YUV color 142.4420, -34.7279, -108.2586.



This preview shows how white text looks on a background with the YUV color 142.4420, -34.7279, -108.2586.

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

142.4420, -34.7279, -108.2586

Protanopia

180.4420, -57.4059, 25.9224

Deuteranopia

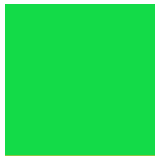
184.1310, -48.8716, 41.9811



Tritanopia

172.4390, 23.9406, -72.2990

Trichromacy



Original Color

142.4420, -34.7279, -108.2586



Protanomaly

166.6100, -49.1077, -22.4600



Deuteranomaly

169.3430, -44.0461, -12.5788



Tritanomaly

161.4440, 2.7391, -85.4584

Monochromacy



Original Color

142.4420, -34.7279, -108.2586



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.1310, -12.3896, -39.5799

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4420, -34.7279, -108.2586 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(19, 219, 72)` looks like.

```
.text, #text, p{  
    color:rgb(19, 219, 72)  
}
```

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(19, 219, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 219, 72) }
```

Border

The CSS property to change the border of an element to YUV 142.4420, -34.7279, -108.2586 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(19, 219, 72) }
```


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

```
.border{ border-color:rgb(19, 219, 72) }
```

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

Here you see how a box with a 4 pixel rgb(19, 219, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 219, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 219, 72);  
box-shadow:4px 4px 4px 4px rgb(19, 219,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 142.4420, -34.7279, -108.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 219, 72) }
```

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

```
.background{ background-color: rgb(19, 219,  
72) }
```

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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