

Converting Colors

YUV(142.1200, -70.0652,
-114.1152)

Have a look what the booklet for
YUV(142.1200, -70.0652, -114.1152)
contains.

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Color

**YUV(142.1200, -70.0652,
-114.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	0CEC00
RGB	12, 236, 0
RGB Percent	5%, 93%, 0%
CMY	0.9529, 0.0745, 1.0000
CMYK	0.95, 0.00, 1.00, 0.07
HSL	117°, 100%, 46%
HSV	117°, 100%, 93%
XYZ	30.1471, 60.0691, 10.0056
YIQ	142.1200, -57.7480, -120.8840

Conversions

Conversions Part 2

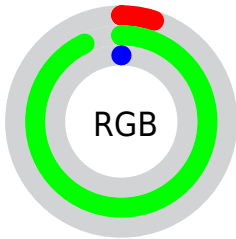
Format	Color
RYB	0, 236, 224
Decimal	846848
CIELab	81.88, -80.89, 78.50
CIELCh	82, 112.718, 135.859
Yxy	60.0691, 0.3008, 0.5994
Android (android.graphics.Color)	4279036928 (0xFF0CEC00)
YUV	142.1200, -70.0652, -114.1152
Hunter-Lab	77.5042, -66.2007, 46.5988

Details

The YUV color **142.1200, -70.0652, -114.1152** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **93.8800, 70.0652, 114.1152**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7000, -52.6031, -68.1429**, and **104.4860, -51.5116, -91.6342** is the 20% darker color. If you saturate the color by 10%, you get **142.1200, -70.0652, -114.1152**, and if you desaturate by 10%, it is **151.4340, -62.8250, -102.9896**.

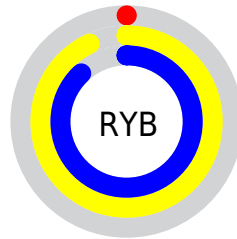
Distribution



Red (5%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (88%)

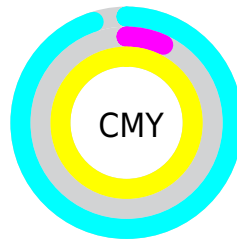


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (95%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1200, -70.0652, -114.1152 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 142.1200, -70.0652, -114.1152 by changing the saturation by 10% instead.

■ 142.1200,
-70.0652, -114.1152

■ 142.1200,
-70.0652, -114.1152

■ 255.0000, 0.0000,
0.0000

■ 121.5090,
-59.9039, -106.5634

■ 194.7000,
-52.6031, -68.1429

■ 104.4860,
-51.5116, -91.6342

■ 208.2860,
-44.5110, -50.2398

■ 88.0500, -43.4087,
-77.2198

■ 221.5730,
-36.2715, -32.9515

■ 72.2010, -35.5951,
-63.3203

■ 234.4470,
-28.3214, -16.1780

■ 56.3520, -27.7815,
-49.4207

■ 247.7340,
-20.0819, 1.1103

■ 41.6770, -20.5468,
-36.5507

■ 252.9480, -7.8624,

■ 26.4150, -13.0226,

1.7996

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 142.1200,
-70.0652, -114.1152

■ 151.4340,
-62.8250, -102.9896

■ 160.9330,
-56.1690, -91.1492

■ 170.2470,
-48.9288, -80.0236

■ 179.7460,
-42.2728, -68.1832

■ 189.0600,
-35.0326, -57.0576

■ 198.3740,
-27.7924, -45.9320

■ 207.8730,
-21.1364, -34.0916

■ 217.1870,
-13.8962, -22.9660

■ 226.6860, -7.2402,
-11.1256

Harmonies

Analogous

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



184.4990, -90.9580, 7.4554



142.1200, -70.0652, -114.1152



161.2740, -6.5441, -141.4373

Triad

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



142.1200, -70.0652, -114.1152



164.6670, 44.5342, -144.4130



127.7330, 12.4566, 111.6132

Complementary

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



142.1200, -70.0652, -114.1152



93.8800, 70.0652, 114.1152

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.



147.5790, 52.9586, 94.2082



142.1200, -70.0652, -114.1152



145.2960, 54.0841, -127.4246

Square

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



142.1200, -70.0652, -114.1152



172.8850, 40.4827, -151.6201



189.2560, 32.4118, 57.6575



155.5650, -53.5225, 87.2045

Rectangle

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



142.1200, -70.0652, -114.1152



170.8840, 25.2002, -149.8653



189.2560, 32.4118, 57.6575



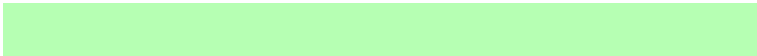
124.6790, 31.2173, 114.2915

Sweetspot

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



142.1200, -70.0652, -114.1152



224.5090, -22.4359, -37.2804



199.7040, -98.4541, 31.8316



109.6000, -13.6068, -22.4512



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.



142.1200, -70.0652, -114.1152



153.5720, -75.7110, -123.2816



150.1600, -23.7429, -131.6903



112.4570, -3.1833, -5.6628



108.9380, -53.7064, -87.6456



32.5950, -16.0693, -25.9548

Inverse Universe

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



93.8800, 70.0652, 114.1152



101.4280, 75.7110, 123.2816



85.8400, 23.7429, 131.6903



110.5430, 3.1833, 5.6628



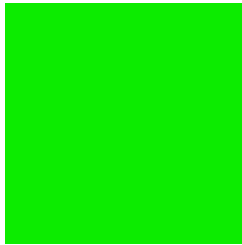
72.0620, 53.7064, 87.6456



21.4050, 16.0693, 25.9548

Previews

White Background



This preview shows how the YUV color 142.1200, -70.0652, -114.1152 looks on a white background.

Color Contrast Check

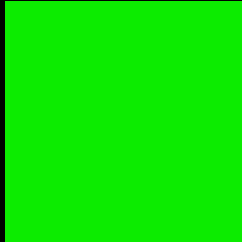
Large Text (above 18pt) WCAG AA × Fail

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 142.1200, -70.0652, -114.1152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

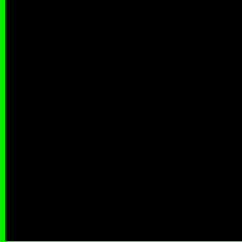
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

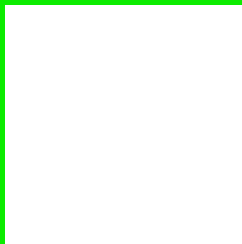
Any Text WCAG AAA ✓ Pass

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

YUV 142.1200, -70.0652, -114.1152 Background



This preview shows how black text looks on a background with the YUV color 142.1200, -70.0652, -114.1152.



This preview shows how white text looks on a background with the YUV color 142.1200, -70.0652, -114.1152.

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



Protanopia

186.4470, -91.9184, 35.5650

Deuteranopia

193.5780, -70.2910, 52.1131

Tritanopia

185.1720, 25.5512, -75.5728

Trichromacy



Protanomaly

170.1690, -83.8933, -18.5652

Deuteranomaly

174.4920, -70.2486, -8.3245

Tritanomaly

169.3220, -9.0327, -89.7364

Monochromacy



Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9770, -25.6247, -41.1988

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1200, -70.0652, -114.1152 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(12, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 236, 0)  
}
```

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(12, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 236, 0) }
```

Border

The CSS property to change the border of an element to YUV 142.1200, -70.0652, -114.1152 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(12, 236, 0) }
```

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

```
.border{ border-color:rgb(12, 236, 0) }
```

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

Here you see how a box with a 4 pixel rgb(12, 236, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(12, 236, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 142.1200, -70.0652, -114.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 236, 0) }
```

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

```
.background{ background-color: rgb(12, 236,  
0) }
```

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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