

Converting Colors

YUV(140.1620, -67.1279,
-122.9221)

Have a look what the booklet for
YUV(140.1620, -67.1279, -122.9221)
contains.

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Color

**YUV(140.1620, -67.1279,
-122.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	00EE04
RGB	0, 238, 4
RGB Percent	0%, 93%, 2%
CMY	1.0000, 0.0667, 0.9843
CMYK	1.00, 0.00, 0.98, 0.07
HSL	121°, 100%, 47%
HSV	121°, 100%, 93%
XYZ	30.5965, 61.1578, 10.3069
YIQ	140.1620, -66.7340, -123.2300

Conversions

Conversions Part 2

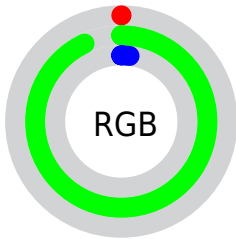
Format	Color
RYB	0, 234, 238
Decimal	60932
CIELab	82.46, -81.74, 78.62
CIELCh	82, 113.408, 136.116
Yxy	61.1578, 0.2998, 0.5992
Android (android.graphics.Color)	4278251012 (0xFF00EE04)
YUV	140.1620, -67.1279, -122.9221
Hunter-Lab	78.2035, -67.0195, 46.9282

Details

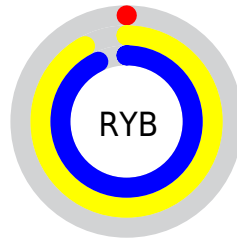
The YUV color **140.1620, -67.1279, -122.9221** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **97.8380, 67.1279, 122.9221**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3300, -51.4347, -69.5724**, and **105.6600, -52.0904, -92.6638** is the 20% darker color. If you saturate the color by 10%, you get **140.1620, -67.1279, -122.9221**, and if you desaturate by 10%, it is **149.9600, -60.6193, -110.4669**.

Distribution



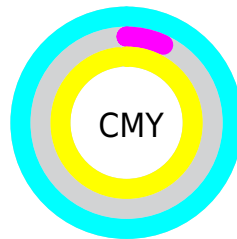
- Red (0%)
- Green (93%)
- Blue (2%)



- Red (0%)
- Yellow (92%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1620, -67.1279, -122.9221 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 140.1620, -67.1279, -122.9221 by changing the saturation by 10% instead.

■ 140.1620,
-67.1279, -122.9221

■ 140.1620,
-67.1279, -122.9221

■ 255.0000, 0.0000,
0.0000

■ 122.6830,
-60.4827, -107.5930

■ 194.3300,
-51.4347, -69.5724

■ 105.6600,
-52.0904, -92.6638

■ 208.2150,
-43.4900, -51.0546

■ 89.2240, -43.9874,
-78.2494

■ 221.3880,
-35.6873, -33.6663

■ 73.3750, -36.1739,
-64.3499

■ 234.6750,
-27.4478, -16.3780

■ 57.5260, -28.3603,
-50.4503

■ 247.5490,
-19.4977, 0.3955

■ 42.2640, -20.8362,
-37.0655

■ 253.0620, -7.4256,

■ 27.0020, -13.3120,

1.6996

-23.6808

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 140.1620,
-67.1279, -122.9221

■ 149.9600,
-60.6193, -110.4669

■ 159.8720,
-53.6739, -98.1117

■ 169.3710,
-47.0179, -86.2714

■ 179.2830,
-40.0725, -73.9162

■ 189.0810,
-33.5639, -61.4610

■ 198.8790,
-27.0553, -49.0059

■ 208.7910,
-20.1100, -36.6507

■ 218.2900,
-13.4540, -24.8103

■ 228.2020, -6.5086,
-12.4552

Harmonies

Analogous

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



185.9720, -91.6842, 7.0406



140.1620, -67.1279, -122.9221



162.6760, -6.2493, -142.6669

Triad

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



140.1620, -67.1279, -122.9221



165.2540, 44.2448, -144.9278



128.3200, 12.1672, 111.0984

Complementary

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



140.1620, -67.1279, -122.9221



97.8380, 67.1279, 122.9221

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



140.1620, -67.1279, -122.9221



145.8830, 53.7947, -127.9394

Square

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



140.1620, -67.1279, -122.9221



174.0590, 39.9039, -152.6497



189.8430, 32.1224, 57.1427



156.0380, -54.2487, 86.7897

Rectangle

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



140.1620, -67.1279, -122.9221



172.4000, 25.9318, -151.1948



189.8430, 32.1224, 57.1427



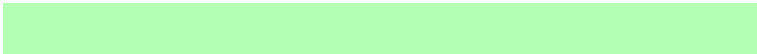
124.6790, 31.2173, 114.2915

Sweetspot

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



140.1620, -67.1279, -122.9221



223.7260, -21.5569, -39.2247



209.6720, -103.3683, 21.3357



109.0020, -13.3120, -23.6808



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.



140.1620, -67.1279, -122.9221



150.1410, -72.0475, -131.6737



153.7280, -15.1489, -134.8195



115.0440, -3.4727, -6.1776



108.3500, -51.9375, -95.0229



32.9860, -15.7691, -28.9287

Inverse Universe

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



97.8380, 67.1279, 122.9221



104.8590, 72.0475, 131.6737



84.2720, 15.1489, 134.8195



112.9560, 3.4727, 6.1776



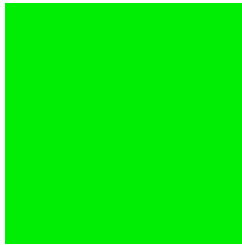
75.6500, 51.9375, 95.0229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 140.1620, -67.1279, -122.9221 looks on a white background.

Color Contrast Check

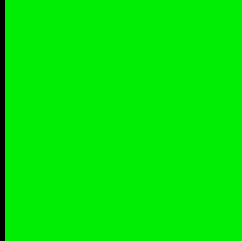
Large Text (above 18pt) WCAG AA × Fail

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 140.1620, -67.1279, -122.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

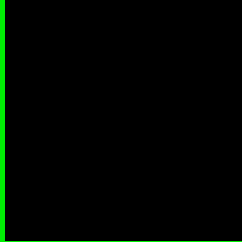
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

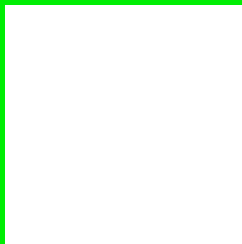
Any Text WCAG AAA ✓ Pass

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

YUV 140.1620, -67.1279, -122.9221 Background



This preview shows how black text looks on a background with the YUV color 140.1620, -67.1279, -122.9221.



This preview shows how white text looks on a background with the YUV color 140.1620, -67.1279, -122.9221.

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

188.2190, -92.7920, 35.7649

Deuteranopia

195.9200, -68.9806, 51.8132

Tritanopia

186.8730, 25.6986, -76.1876

Trichromacy



Protanomaly

170.5600, -83.5931, -21.5391

Deuteranomaly

175.3390, -68.2011, -11.6983

Tritanomaly

169.9410, -7.8589, -92.9103

Monochromacy



Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2970, -24.3034, -44.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1620, -67.1279, -122.9221 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(0, 238, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 238, 4)  
}
```

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(0, 238, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 238, 4) }
```

Border

The CSS property to change the border of an element to YUV 140.1620, -67.1279, -122.9221 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(0, 238, 4) }
```

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

```
.border{ border-color:rgb(0, 238, 4) }
```

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

Here you see how a box with a 4 pixel rgb(0, 238, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 238, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 238, 4); box-shadow:4px  
4px 4px 4px rgb(0, 238, 4) }
```


Background

The CSS property to change the background color of an element to YUV 140.1620, -67.1279, -122.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 238, 4) }
```

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

```
.background{ background-color: rgb(0, 238,  
4) }
```

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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