

Converting Colors

YUV(146.2270, -72.0899,
-71.2361)

Have a look what the booklet for
YUV(146.2270, -72.0899, -71.2361)
contains.

YUV(146.2270, -72.0899, -71.2361)	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(146.2270, -72.0899,
-71.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	41D800
RGB	65, 216, 0
RGB Percent	25%, 85%, 0%
CMY	0.7451, 0.1529, 1.0000
CMYK	0.70, 0.00, 1.00, 0.15
HSL	102°, 100%, 42%
HSV	102°, 100%, 85%
XYZ	26.7358, 50.2356, 8.2873
YIQ	146.2270, -20.6600, -99.1880

Conversions

Conversions Part 2

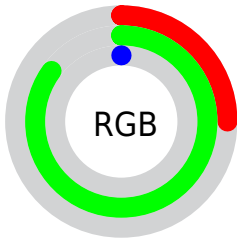
Format	Color
RYB	0, 216, 151
Decimal	4315136
CIELab	76.21, -69.86, 74.23
CIElCh	76, 101.937, 133.264
Yxy	50.2356, 0.3136, 0.5892
Android (android.graphics.Color)	4282505216 (0xFF41D800)
YUV	146.2270, -72.0899, -71.2361
Hunter-Lab	70.8770, -56.7021, 42.6814

Details

The YUV color **146.2270, -72.0899, -71.2361** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **69.7730, 72.0899, 71.2361**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3270, -56.8562, -57.2918**, and **93.9200, -46.3026, -82.3678** is the 20% darker color. If you saturate the color by 10%, you get **146.2270, -72.0899, -71.2361**, and if you desaturate by 10%, it is **153.2200, -64.6915, -64.2139**.

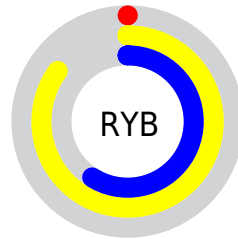
Distribution



Red (25%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (59%)

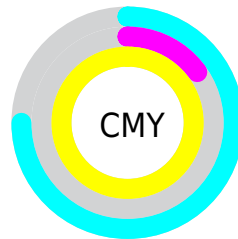


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (75%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2270, -72.0899, -71.2361 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 146.2270, -72.0899, -71.2361 by changing the saturation by 10% instead.

■ 146.2270,
-72.0899, -71.2361

■ 146.2270,
-72.0899, -71.2361

■ 255.0000, 0.0000,
0.0000

■ 109.7690,
-54.1161, -96.2674

■ 199.3270,
-56.8562, -57.2918

■ 93.9200, -46.3026,
-82.3678

■ 212.3150,
-48.4693, -40.6183

■ 77.4840, -38.1996,
-67.9535

■ 224.8900,
-40.3718, -24.4595

■ 62.2220, -30.6754,
-54.5687

■ 237.4650,
-32.2742, -8.3008

■ 46.9600, -23.1513,
-41.1839

■ 248.8440,
-23.5871, 5.3988

■ 32.8720, -16.2059,
-28.8287

■ 252.2640,

■ 17.6100, -8.6817,

-10.4832, 2.3995

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 146.2270,
-72.0899, -71.2361

■ 153.2200,
-64.6915, -64.2139

■ 160.0990,
-57.7298, -57.0918

■ 167.0920,
-50.3314, -50.0697

■ 173.9710,
-43.3697, -42.9476

■ 181.2630,
-36.1187, -35.3107

■ 188.2560,
-28.7202, -28.2885

■ 195.1350,
-21.7586, -21.1664

■ 202.1280,
-14.3601, -14.1443

■ 209.0070, -7.3985,
-7.0221

Harmonies

Analogous

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



171.8510, -84.7225, 14.1627



146.2270, -72.0899, -71.2361



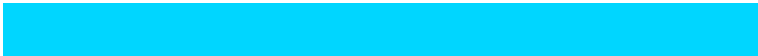
146.8950, -8.3292, -128.8269

Triad

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



146.2270, -72.0899, -71.2361



154.6880, 49.4538, -135.6614



131.6140, 9.5573, 108.2095

Complementary

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



146.2270, -72.0899, -71.2361



69.7730, 72.0899, 71.2361

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.



152.8960, 45.4073, 89.5452



146.2270, -72.0899, -71.2361



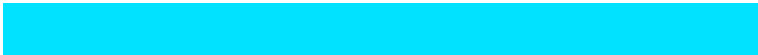
138.2520, 57.5568, -121.2470

Square

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



146.2270, -72.0899, -71.2361



161.7320, 45.9811, -141.8390



183.3090, 35.3437, 50.5950



151.0630, -45.3871, 91.1527

Rectangle

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



146.2270, -72.0899, -71.2361



156.1800, 19.6313, -136.9699



183.3090, 35.3437, 50.5950



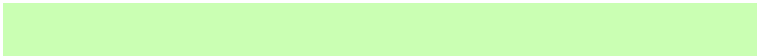
132.2130, 24.5450, 107.6842

Sweetspot

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



146.2270, -72.0899, -71.2361



230.4890, -25.3841, -24.9849



151.4600, -74.6698, 56.6016



112.8890, -15.2283, -15.6887



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.



146.2270, -72.0899, -71.2361



172.7080, -85.1450, -83.9359



131.3520, -45.0365, -115.1957



103.6530, -3.7729, -3.2037



115.6260, -57.0036, -56.6770



29.1280, -14.3601, -14.1443

Inverse Universe

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



69.7730, 72.0899, 71.2361



82.2920, 85.1450, 83.9359



84.6480, 45.0365, 115.1957



99.6460, 3.6255, 3.8185



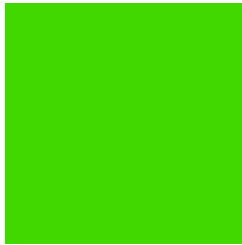
55.0750, 57.1510, 56.0622



13.8720, 14.3601, 14.1443

Previews

White Background



This preview shows how the YUV color 146.2270, -72.0899, -71.2361 looks on a white background.

Color Contrast Check

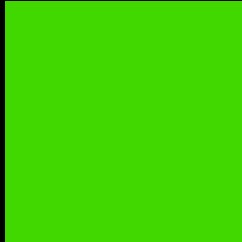
Large Text (above 18pt) WCAG AA × Fail

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 146.2270, -72.0899, -71.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

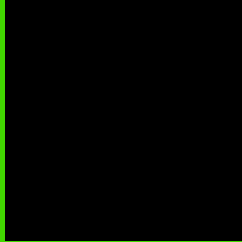
Any Text WCAG AA ✓ Pass

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 146.2270, -72.0899, -71.2361 Background



This preview shows how black text looks on a background with the YUV color 146.2270, -72.0899, -71.2361.



This preview shows how white text looks on a background with the YUV color 146.2270, -72.0899, -71.2361.

-71.2361.

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

146.2270, -72.0899, -71.2361

Protanopia

172.5590, -85.0716, 32.8358

Deuteranopia

179.1090, -65.6227, 48.1394



Tritanopia

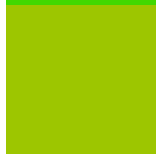
175.0170, 20.6976, -58.7739

Trichromacy



Original Color

146.2270, -72.0899, -71.2361



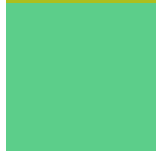
Protanomaly

163.1690, -80.4423, -5.4102



Deuteranomaly

167.1500, -68.1080, 5.1304



Tritanomaly

164.1620, -12.8979, -63.2861

Monochromacy



Original Color

146.2270, -72.0899, -71.2361



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.9620, -26.1103, -25.3997

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2270, -72.0899, -71.2361 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(65, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 216, 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(65, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 216, 0) }
```

Border

The CSS property to change the border of an element to YUV 146.2270, -72.0899, -71.2361 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(65, 216, 0) }
```


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

```
.border{ border-color:rgb(65, 216, 0) }
```

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

Here you see how a box with a 4 pixel rgb(65, 216, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(65, 216, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 146.2270, -72.0899, -71.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 216, 0) }
```

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

```
.background{ background-color: rgb(65, 216,  
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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