

Converting Colors

YUV(147.1480, -62.1910,
-72.9208)

Have a look what the booklet for
YUV(147.1480, -62.1910, -72.9208)
contains.

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Color

**YUV(147.1480, -62.1910,
-72.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	40D615
RGB	64, 214, 21
RGB Percent	25%, 84%, 8%
CMY	0.7490, 0.1608, 0.9176
CMYK	0.70, 0.00, 0.90, 0.16
HSL	107°, 82%, 46%
HSV	107°, 90%, 84%
XYZ	26.2963, 49.2373, 8.8273
YIQ	147.1480, -27.4470, -91.8230

Conversions

Conversions Part 2

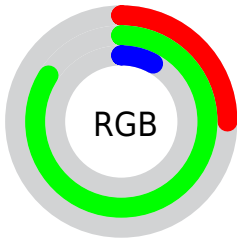
Format	Color
RYB	21, 214, 171
Decimal	4249109
CIELab	75.60, -69.02, 71.37
CIELCh	76, 99.283, 134.041
Yxy	49.2373, 0.3117, 0.5837
Android (android.graphics.Color)	4282439189 (0xFF40D615)
YUV	147.1480, -62.1910, -72.9208
Hunter-Lab	70.1693, -55.9025, 41.6598

Details

The YUV color **147.1480, -62.1910, -72.9208** 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 **87.8520, 62.1910, 72.9208**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7120, -54.0880, -58.5064**, and **92.7460, -45.7238, -81.3382** is the 20% darker color. If you saturate the color by 10%, you get **139.9700, -69.0052, -80.6577**, and if you desaturate by 10%, it is **154.6250, -55.5241, -64.5691**.

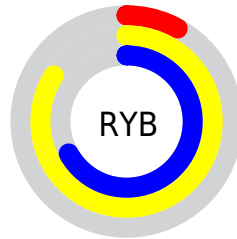
Distribution



Red (25%)

Green (84%)

Blue (8%)



Red (8%)

Yellow (84%)

Blue (67%)

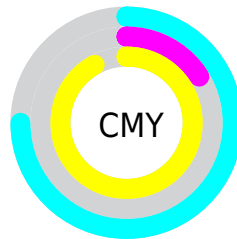


Cyan (70%)

Magenta (0%)

Yellow (90%)

Black (16%)



Cyan (75%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1480, -62.1910, -72.9208 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 147.1480, -62.1910, -72.9208 by changing the saturation by 10% instead.

■ 147.1480,
-62.1910, -72.9208

■ 147.1480,
-62.1910, -72.9208

■ 255.0000, 0.0000,
0.0000

■ 109.1820,
-53.8267, -95.7526

■ 199.7120,
-54.0880, -58.5064

■ 92.7460, -45.7238,
-81.3382

■ 212.2870,
-45.9905, -42.3477

■ 76.8970, -37.9102,
-67.4387

■ 224.8620,
-37.8930, -26.1890

■ 61.0480, -30.0967,
-53.5391

■ 237.4370,
-29.7954, -10.0302

■ 45.7860, -22.5725,
-40.1543

■ 249.4140,
-21.4031, 4.8989

■ 32.2850, -15.9165,
-28.3139

■ 252.7200, -8.7360,

■ 16.4360, -8.1029,

1.9996

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 147.1480,
-62.1910, -72.9208

■ 147.1480,
-62.1910, -72.9208

■ 139.9700,
-69.0052, -80.6577

■ 154.6250,
-55.5241, -64.5691

■ 161.9170,
-48.2731, -56.9322

■ 169.3940,
-41.6062, -48.5805

■ 176.9850,
-34.5026, -40.3288

■ 184.1630,
-27.6884, -32.5920

■ 191.6400,
-21.0215, -24.2403

■ 198.9320,
-13.7705, -16.6034

■ 206.4090, -7.1036,
-8.2517

■ 214.0000, 0.0000,
0.0000

Harmonies

Analogous

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



170.3670, -83.9909, 12.8331



147.1480, -62.1910, -72.9208



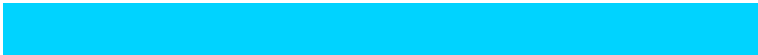
145.9490, -6.8769, -127.9973

Triad

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



147.1480, -62.1910, -72.9208



152.9270, 50.3220, -134.1170



135.3810, 6.2212, 104.9059

Complementary

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



147.1480, -62.1910, -72.9208



87.8520, 62.1910, 72.9208

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.



153.3860, 42.2077, 89.1155



147.1480, -62.1910, -72.9208



136.4910, 58.4249, -119.7026

Square

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



147.1480, -62.1910, -72.9208



159.9710, 46.8493, -140.2946



183.0210, 35.4856, 51.7246



152.2370, -45.9658, 90.1232

Rectangle

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



147.1480, -62.1910, -72.9208



155.1200, 20.6468, -136.0402



183.0210, 35.4856, 51.7246



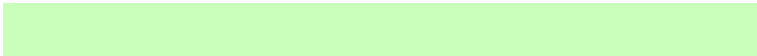
135.8660, 20.7721, 104.4805

Sweetspot

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



147.1480, -62.1910, -72.9208



230.9880, -22.1791, -26.2995



165.5830, -71.2794, 42.4617



113.7580, -13.1917, -15.5738



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.



147.1480, -62.1910, -72.9208



166.7280, -82.1969, -96.2315



140.1050, -33.5758, -104.4551



103.3540, -3.6255, -3.8185



111.7390, -55.0873, -64.6691



28.2310, -13.9179, -15.9886

Inverse Universe

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



87.8520, 62.1910, 72.9208



88.2720, 82.1969, 96.2315



94.8950, 33.5758, 104.4551



99.9450, 3.4781, 4.4332



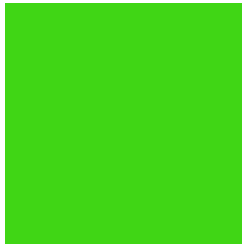
59.2610, 55.0873, 64.6691



15.0680, 13.7705, 16.6034

Previews

White Background



This preview shows how the YUV color 147.1480, -62.1910, -72.9208 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 147.1480, -62.1910, -72.9208 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

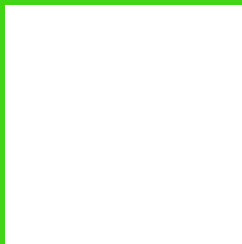
Any Text WCAG AAA ✓ Pass

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

YUV 147.1480, -62.1910, -72.9208 Background



This preview shows how black text looks on a background with the YUV color 147.1480, -62.1910, -72.9208.



This preview shows how white text looks on a background with the YUV color 147.1480, -62.1910, -72.9208.

-72.9208.

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

147.1480, -62.1910, -72.9208

Protanopia

170.7870, -84.1980, 32.6358

Deuteranopia

177.6790, -63.4387, 47.6395



Tritanopia

173.3160, 20.5502, -58.1591

Trichromacy



Original Color

147.1480, -62.1910, -72.9208



Protanomaly

162.6080, -76.2217, -5.7952



Deuteranomaly

166.5180, -62.8664, 3.9307



Tritanomaly

163.3730, -9.5509, -63.4711

Monochromacy



Original Color

147.1480, -62.1910, -72.9208



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.8740, -22.6159, -26.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1480, -62.1910, -72.9208 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(64, 214, 21)` looks like.

```
.text, #text, p{  
    color:rgb(64, 214, 21)  
}
```

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(64, 214, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 214, 21) }
```

Border

The CSS property to change the border of an element to YUV 147.1480, -62.1910, -72.9208 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(64, 214, 21) }
```


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

```
.border{ border-color:rgb(64, 214, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 214, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 214, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 214, 21);  
box-shadow:4px 4px 4px 4px rgb(64, 214,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 147.1480, -62.1910, -72.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 214, 21) }
```

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

```
.background{ background-color: rgb(64, 214,  
21) }
```

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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