

Converting Colors

YUV(145.0200, -71.4949,
-75.4395)

Have a look what the booklet for
YUV(145.0200, -71.4949, -75.4395)
contains.

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Color

**YUV(145.0200, -71.4949,
-75.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	3BD900
RGB	59, 217, 0
RGB Percent	23%, 85%, 0%
CMY	0.7686, 0.1490, 1.0000
CMYK	0.73, 0.00, 1.00, 0.15
HSL	104°, 100%, 43%
HSV	104°, 100%, 85%
XYZ	26.6165, 50.5555, 8.3554
YIQ	145.0200, -24.5110, -100.9830

Conversions

Conversions Part 2

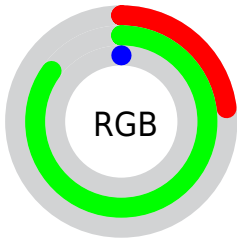
Format	Color
RYB	0, 217, 158
Decimal	3922176
CIELab	76.41, -71.19, 74.34
CIELCh	76, 102.930, 133.763
Yxy	50.5555, 0.3112, 0.5911
Android (android.graphics.Color)	4282112256 (0xFF3BD900)
YUV	145.0200, -71.4949, -75.4395
Hunter-Lab	71.1024, -57.6095, 42.8044

Details

The YUV color **145.0200, -71.4949, -75.4395** 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 **71.9800, 71.4949, 75.4395**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4300, -56.4140, -59.1361**, and **93.9200, -46.3026, -82.3678** is the 20% darker color. If you saturate the color by 10%, you get **145.0200, -71.4949, -75.4395**, and if you desaturate by 10%, it is **152.3120, -64.2438, -67.8026**.

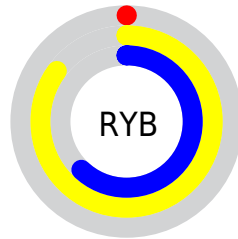
Distribution



Red (23%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (62%)

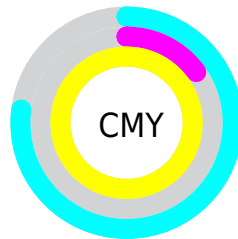


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (77%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0200, -71.4949, -75.4395 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 145.0200, -71.4949, -75.4395 by changing the saturation by 10% instead.

■ 145.0200,
-71.4949, -75.4395

■ 145.0200,
-71.4949, -75.4395

■ 255.0000, 0.0000,
0.0000

■ 110.3560,
-54.4055, -96.7822

■ 198.4300,
-56.4140, -59.1361

■ 93.9200, -46.3026,
-82.3678

■ 211.1190,
-47.8797, -43.0774

■ 78.0710, -38.4890,
-68.4683

■ 223.9930,
-39.9295, -26.3039

■ 62.8090, -30.9648,
-55.0835

■ 236.5680,
-31.8320, -10.1451

■ 47.5470, -23.4407,
-41.6987

■ 248.8440,
-23.5871, 5.3988

■ 33.4590, -16.4953,
-29.3435

■ 252.2640,

■ 17.6100, -8.6817,

-10.4832, 2.3995

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 145.0200,
-71.4949, -75.4395

■ 152.3120,
-64.2438, -67.8026

■ 159.4900,
-57.4296, -60.0657

■ 166.4830,
-50.0311, -53.0436

■ 173.7750,
-42.7801, -45.4067

■ 181.0670,
-35.5290, -37.7698

■ 188.2450,
-28.7148, -30.0329

■ 195.5370,
-21.4637, -22.3959

■ 202.5300,
-14.0653, -15.3738

■ 209.7080, -7.2510,
-7.6369

Harmonies

Analogous

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



172.1390, -84.8645, 13.0331



145.0200, -71.4949, -75.4395



147.5960, -8.1818, -129.4417

Triad

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



145.0200, -71.4949, -75.4395



154.6880, 49.4538, -135.6614



130.7990, 8.9731, 108.9243

Complementary

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



145.0200, -71.4949, -75.4395



71.9800, 71.4949, 75.4395

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.



151.0210, 45.8386, 91.1896



145.0200, -71.4949, -75.4395



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.



145.0200, -71.4949, -75.4395



162.3190, 45.6917, -142.3538



183.6190, 35.1908, 52.9541



150.7210, -46.6975, 91.4527

Rectangle

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



145.0200, -71.4949, -75.4395



156.9950, 20.2155, -137.6846



183.6190, 35.1908, 52.9541



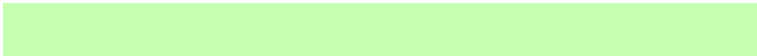
130.9250, 24.6870, 108.8138

Sweetspot

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



145.0200, -71.4949, -75.4395



229.5920, -24.9419, -26.8292



156.4550, -77.1323, 53.0980



112.5900, -15.0809, -16.3034



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.



145.0200, -71.4949, -75.4395



170.3160, -83.9658, -88.8541



132.7370, -42.2683, -116.4103



106.3540, -3.6255, -3.8185



115.6040, -56.9928, -60.1657



30.5900, -15.0809, -16.3034

Inverse Universe

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



71.9800, 71.4949, 75.4395



84.6840, 83.9658, 88.8541



84.2630, 42.2683, 116.4103



102.6460, 3.6255, 3.8185



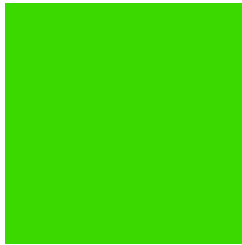
57.3960, 56.9928, 60.1657



15.1110, 15.2283, 15.6887

Previews

White Background



This preview shows how the YUV color 145.0200, -71.4949, -75.4395 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 145.0200, -71.4949, -75.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

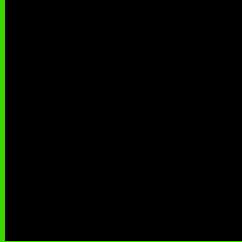
Any Text WCAG AA ✓ Pass

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 145.0200, -71.4949, -75.4395 Background



This preview shows how black text looks on a background with the YUV color 145.0200, -71.4949, -75.4395.



This preview shows how white text looks on a background with the YUV color 145.0200, -71.4949, -75.4395.

-75.4395.

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

172.8580, -85.2190, 33.4505

Deuteranopia

179.4080, -65.7701, 48.7542

Tritanopia

175.1200, 21.1398, -60.6182

Trichromacy



Protanomaly

162.8700, -80.2949, -6.0250

Deuteranomaly

167.1390, -68.1025, 3.3861

Tritanomaly

163.9660, -12.3082, -65.7452

Monochromacy



Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9510, -26.1048, -27.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0200, -71.4949, -75.4395 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(59, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 217, 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(59, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 217, 0) }
```

Border

The CSS property to change the border of an element to YUV 145.0200, -71.4949, -75.4395 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(59, 217, 0) }
```

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

```
.border{ border-color:rgb(59, 217, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 217, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 217, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 145.0200, -71.4949, -75.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 217, 0) }
```

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

```
.background{ background-color: rgb(59, 217,  
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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