

Converting Colors

YUV(145.5000, -39.1935,
-75.8605)

Have a look what the booklet for
YUV(145.5000, -39.1935, -75.8605)
contains.

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Color

**YUV(145.5000, -39.1935,
-75.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	3BCD42
RGB	59, 205, 66
RGB Percent	23%, 80%, 26%
CMY	0.7686, 0.1961, 0.7412
CMYK	0.71, 0.00, 0.68, 0.20
HSL	123°, 59%, 52%
HSV	123°, 71%, 80%
XYZ	24.6183, 44.9858, 12.5399
YIQ	145.5000, -42.3970, -74.1810

Conversions

Conversions Part 2

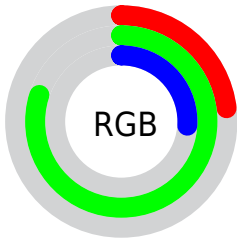
Format	Color
RYB	59, 198, 205
Decimal	3919170
CIELab	72.88, -64.39, 55.94
CIELCh	73, 85.298, 139.019
Yxy	44.9858, 0.2997, 0.5476
Android (android.graphics.Color)	4282109250 (0xFF3BCD42)
YUV	145.5000, -39.1935, -75.8605
Hunter-Lab	67.0715, -51.8573, 35.8650

Details

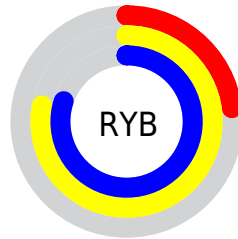
The YUV color **145.5000, -39.1935, -75.8605** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **118.5000, 39.1935, 75.8605**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0390, -39.9522, -65.8092**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **137.2400, -44.9813, -86.1565**, and if you desaturate by 10%, it is **154.0590, -33.5531, -64.9497**.

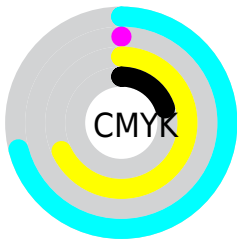
Distribution



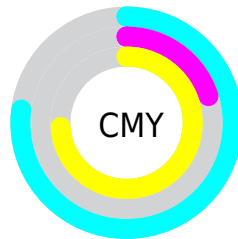
- Red (23%)
- Green (80%)
- Blue (26%)



- Red (23%)
- Yellow (78%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)



- Cyan (77%)
- Magenta (20%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5000, -39.1935, -75.8605 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 145.5000, -39.1935, -75.8605 by changing the saturation by 10% instead.

■ 145.5000,
-39.1935, -75.8605

■ 145.5000,
-39.1935, -75.8605

■ 255.0000, 0.0000,
0.0000

■ 108.1170,
-35.0607, -94.8186

■ 201.0390,
-39.9522, -65.8092

■ 87.4630, -43.1193,
-76.7051

■ 213.5000,
-32.2915, -49.5505

■ 71.6140, -35.3057,
-62.8055

■ 225.6620,
-24.4834, -33.9066

■ 56.3520, -27.7815,
-49.4207

■ 238.1230,
-16.8226, -17.6479

■ 41.6770, -20.5468,
-36.5507

■ 250.3990, -8.5777,
-2.1039

■ 27.5890, -13.6014,
-24.1956

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 145.5000,
-39.1935, -75.8605

■ 145.5000,
-39.1935, -75.8605

■ 137.2400,
-44.9813, -86.1565

■ 154.0590,
-33.5531, -64.9497

■ 128.7950,
-50.1849, -97.1672

■ 162.2050,
-28.2021, -54.5538


■ 121.4750,
-54.9572, -106.5336


■ 170.7640,
-22.5617, -43.6430

■ 178.9100,
-17.2106, -33.2471

■ 187.4690,
-11.5702, -22.3363

 195.6150, -6.2192,
-11.9404

 204.1740, -0.5788,
-1.0296

 212.3200, 4.7722,
9.3664

 220.5800, 10.5601,
19.6623

Harmonies

Analogous

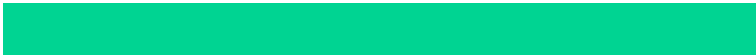
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.4630, -79.6013, 4.8559



145.5000, -39.1935, -75.8605



141.0880, 2.4216, -123.7342

Triad

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



145.5000, -39.1935, -75.8605



144.7090, 54.3735, -126.9098



148.3460, -7.5656, 93.5356

Complementary

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



145.5000, -39.1935, -75.8605



118.5000, 39.1935, 75.8605

Split Complementary

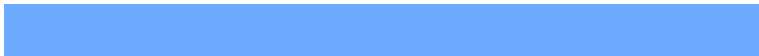
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



157.8250, 26.2153, 85.2225



145.5000, -39.1935, -75.8605



161.7390, 45.9777, -47.1291

Square

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



145.5000, -39.1935, -75.8605



152.3400, 50.6114, -133.6022



179.7980, 37.0746, 55.4282



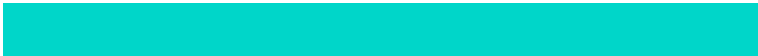
159.3950, -49.0017, 83.8456

Rectangle

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



145.5000, -39.1935, -75.8605



148.5320, 25.8667, -130.2626



179.7980, 37.0746, 55.4282



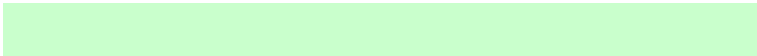
148.3750, 5.2381, 93.5101

Sweetspot

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



145.5000, -39.1935, -75.8605



233.0400, -14.3167, -28.0991



186.8610, -63.0355, 11.5229



114.8980, -8.8237, -16.5735



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.



145.5000, -39.1935, -75.8605



166.6330, -57.9931, -112.8111



153.5940, -8.1808, -82.9589



97.8700, -2.8939, -5.1480



98.3540, -44.5445, -86.2565



22.5340, -10.1233, -19.7623

Inverse Universe

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



118.5000, 39.1935, 75.8605



126.4810, 58.4299, 112.7112



110.4060, 8.1808, 82.9589



96.1300, 2.8939, 5.1480



67.6460, 44.5445, 86.2565



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 145.5000, -39.1935, -75.8605 looks on a white background.

Color Contrast Check

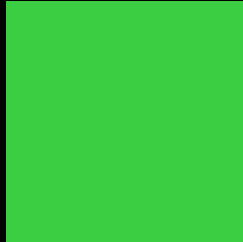
Large Text (above 18pt) WCAG AA × Fail

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 145.5000, -39.1935, -75.8605 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 145.5000, -39.1935, -75.8605 Background



This preview shows how black text looks on a background with the YUV color 145.5000, -39.1935, -75.8605.



This preview shows how white text looks on a background with the YUV color 145.5000, -39.1935, -75.8605.

-75.8605.

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

145.5000, -39.1935, -75.8605

Protanopia

170.4140, -54.9271, 24.1929

Deuteranopia

173.8750, -47.2664, 40.4516



Tritanopia

165.9030, 20.2608, -58.6739

Trichromacy



Original Color

145.5000, -39.1935, -75.8605



Protanomaly

161.3770, -48.9929, -12.6086



Deuteranomaly

163.4090, -44.0786, -2.1127



Tritanomaly

158.5390, -1.2517, -65.3707

Monochromacy



Original Color

145.5000, -39.1935, -75.8605



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.4530, -14.0273, -27.5843

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5000, -39.1935, -75.8605 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, 205, 66)` looks like.

```
.text, #text, p{  
    color:rgb(59, 205, 66)  
}
```

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, 205, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 205, 66) }
```

Border

The CSS property to change the border of an element to YUV 145.5000, -39.1935, -75.8605 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, 205, 66) }
```


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

```
.border{ border-color:rgb(59, 205, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 205, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 205, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 205, 66);  
box-shadow:4px 4px 4px 4px rgb(59, 205,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 145.5000, -39.1935, -75.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 205, 66) }
```

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

```
.background{ background-color: rgb(59, 205,  
66) }
```

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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