

Converting Colors

YUV(159.3000, -65.7169,
-15.1721)

Have a look what the booklet for
YUV(159.3000, -65.7169, -15.1721)
contains.

YUV(159.3000, -65.7169, -15.1721)	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(159.3000, -65.7169,
-15.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC21A
RGB	142, 194, 26
RGB Percent	56%, 76%, 10%
CMY	0.4431, 0.2392, 0.8980
CMYK	0.27, 0.00, 0.87, 0.24
HSL	79°, 76%, 43%
HSV	79°, 87%, 76%
XYZ	30.6336, 44.4089, 7.9345
YIQ	159.3000, 22.9360, -63.2720

Conversions

Conversions Part 2

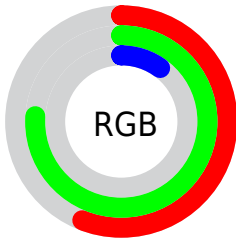
Format	Color
R_{YB}	26, 194, 78
Decimal	9355802
CIE Lab	72.50, -38.66, 69.05
CIE LCh	73, 79.135, 119.242
Yxy	44.4089, 0.3692, 0.5352
Android (android.graphics.Color)	4287545882 (0xFF8EC21A)
YUV	159.3000, -65.7169, -15.1721
Hunter-Lab	66.6400, -34.5659, 39.5886

Details

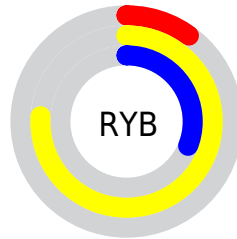
The YUV color **159.3000, -65.7169, -15.1721** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **60.7000, 65.7169, 15.1721**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3970, -62.8067, -15.2572**, and **107.5950, -53.0443, -19.8158** is the 20% darker color. If you saturate the color by 10%, you get **155.3400, -73.1316, -16.9612**, and if you desaturate by 10%, it is **163.2600, -58.3022, -13.3830**.

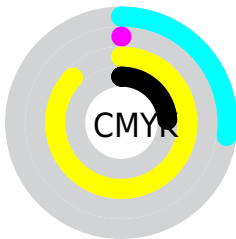
Distribution



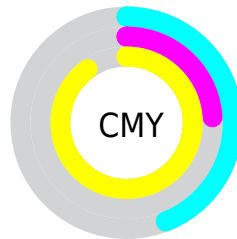
- Red (56%)
- Green (76%)
- Blue (10%)



- Red (10%)
- Yellow (76%)
- Blue (31%)



- Cyan (27%)
- Magenta (0%)
- Yellow (87%)
- Black (24%)



- Cyan (44%)
- Magenta (24%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3000, -65.7169, -15.1721 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 159.3000, -65.7169, -15.1721 by changing the saturation by 10% instead.

■ 159.3000,
-65.7169, -15.1721

■ 159.3000,
-65.7169, -15.1721

■ 255.0000, 0.0000,
0.0000

■ 132.1150,
-65.1327, -15.8869

■ 217.3970,
-62.8067, -15.2572

■ 107.5950,
-53.0443, -19.8158

■ 231.7220,
-55.5719, -2.3872

■ 83.9610, -41.3928,
-23.6448

■ 242.6880,
-47.1742, 10.7976

■ 59.7180, -29.4410,
-30.4477

■ 245.8800,
-34.9438, 7.9982

■ 38.1550, -18.8104,
-33.4619

■ 249.1860,
-22.2767, 5.0989

■ 25.2410, -12.4438,
-22.1364

■ 252.4920, -9.6096,

■ 9.3920, -4.6303,

2.1995

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 159.3000,
-65.7169, -15.1721

■ 159.3000,
-65.7169, -15.1721

■ 155.3400,
-73.1316, -16.9612

■ 163.2600,
-58.3022, -13.3830

■ 153.9440,
-75.8944, -17.4909

■ 167.3340,
-50.4507, -11.6939

■ 171.2940,
-43.0359, -9.9048

■ 175.3680,
-35.1844, -8.2157

■ 179.3280,
-27.7697, -6.4267

■ 183.2880,
-20.3550, -4.6376

■ 187.3620,
-12.5035, -2.9485

■ 191.3220, -5.0887,
-1.1594

■ 195.3960, 2.7628,
0.5297

Harmonies

Analogous

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



166.1240, -81.8991, 41.9873



159.3000, -65.7169, -15.1721



132.2080, -16.3715, -115.9464

Triad

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



159.3000, -65.7169, -15.1721



148.8180, 52.3477, -130.5134



156.9810, 12.8274, 85.9627

Complementary

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



159.3000, -65.7169, -15.1721



60.7000, 65.7169, 15.1721

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.



178.4620, 36.7472, 67.1238



159.3000, -65.7169, -15.1721



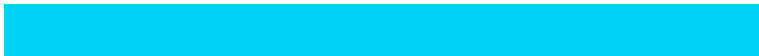
138.8390, 57.2674, -121.7618

Square

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



159.3000, -65.7169, -15.1721



151.4280, 47.1170, -132.8024



173.5320, 40.1637, -2.2206



155.9310, -21.6580, 86.8835

Rectangle

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



159.3000, -65.7169, -15.1721



140.1420, 3.8740, -122.9045



173.5320, 40.1637, -2.2206



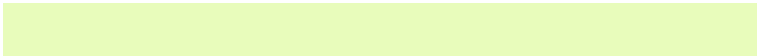
162.6520, 21.8636, 80.9892

Sweetspot

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



159.3000, -65.7169, -15.1721



238.6100, -25.4437, -5.7970



105.5820, -39.2339, 77.5426



119.5530, -15.5556, -3.9930



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.



159.3000, -65.7169, -15.1721



199.9500, -98.5754, -22.7581



134.7820, -53.6295, -65.5838



94.9630, -3.9258, -0.8446



127.6960, -62.9541, -14.6424



26.2480, -12.9403, -2.8485

Inverse Universe

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



60.7000, 65.7169, 15.1721



52.0500, 98.5754, 22.7582



85.2180, 53.6295, 65.5838



89.0370, 3.9258, 0.8446



33.3040, 62.9541, 14.6424



6.7520, 12.9403, 2.8485

Previews

White Background



This preview shows how the YUV color 159.3000, -65.7169, -15.1721 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 159.3000, -65.7169, -15.1721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

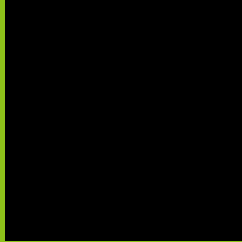
Any Text WCAG AA ✓ Pass

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 159.3000, -65.7169, -15.1721 Background



This preview shows how black text looks on a background with the YUV color 159.3000, -65.7169, -15.1721.



This preview shows how white text looks on a background with the YUV color 159.3000, -65.7169, -15.1721.

-15.1721.

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

159.3000, -65.7169, -15.1721

Protanopia

166.6800, -71.8202, 29.2216

Deuteranopia

170.1950, -62.7071, 46.3100



Tritanopia

175.7300, 9.5001, -13.7952

Trichromacy



Original Color

159.3000, -65.7169, -15.1721

Protanomaly

164.1510, -69.5874, 13.0226

Deuteranomaly

166.1230, -63.6576, 24.4481

Tritanomaly

169.6180, -17.5597, -14.5740

Monochromacy



Original Color

159.3000, -65.7169, -15.1721

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3650, -23.8439, -5.5821

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3000, -65.7169, -15.1721 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(142, 194, 26)` looks like.

```
.text, #text, p{  
    color:rgb(142, 194, 26)  
}
```

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(142, 194, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 194, 26) }
```

Border

The CSS property to change the border of an element to YUV 159.3000, -65.7169, -15.1721 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(142, 194, 26) }
```


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

```
.border{ border-color:rgb(142, 194, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 194, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 194, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 194, 26);  
box-shadow:4px 4px 4px 4px rgb(142, 194,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 159.3000, -65.7169, -15.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 194, 26) }
```

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

```
.background{ background-color: rgb(142,  
194, 26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor