

Converting Colors

YUV(170.2360, -39.0633,
-117.7250)

Have a look what the booklet for
YUV(170.2360, -39.0633, -117.7250)
contains.

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Color

**YUV(170.2360, -39.0633,
-117.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	24FE5B
RGB	36, 254, 91
RGB Percent	14%, 100%, 36%
CMY	0.8588, 0.0039, 0.6431
CMYK	0.86, 0.00, 0.64, 0.00
HSL	135°, 99%, 57%
HSV	135°, 86%, 100%
XYZ	38.0577, 72.0140, 21.7918
YIQ	170.2360, -77.6050, -96.9090

Conversions

Conversions Part 2

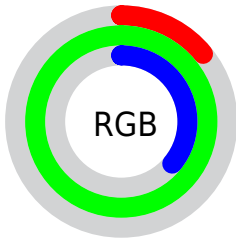
Format	Color
R _Y B	36, 210, 254
Decimal	2424411
CIE Lab	87.98, -79.64, 62.28
CIE LCh	88, 101.101, 141.974
Yxy	72.0140, 0.2886, 0.5461
Android (android.graphics.Color)	4280614491 (0xFF24FE5B)
YUV	170.2360, -39.0633, -117.7250
Hunter-Lab	84.8611, -68.4549, 44.1775

Details

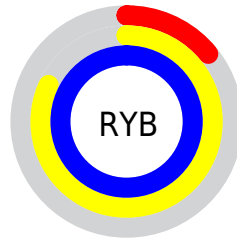
The YUV color **170.2360, -39.0633, -117.7250** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed green. A complement of this color would be **119.7640, 39.0633, 117.7250**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8180, -28.0113, -69.1234**, and **118.4720, -43.6167, -103.8999** is the 20% darker color. If you saturate the color by 10%, you get **160.5950, -43.6773, -131.1948**, and if you desaturate by 10%, it is **179.8770, -34.4494, -104.2551**.

Distribution



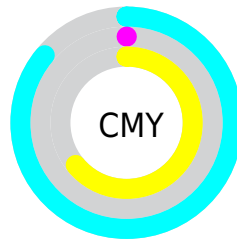
- Red (14%)
- Green (100%)
- Blue (36%)



- Red (14%)
- Yellow (82%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2360, -39.0633, -117.7250 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 170.2360, -39.0633, -117.7250 by changing the saturation by 10% instead.

170.2360,
-39.0633, -117.7250

170.2360,
-39.0633, -117.7250

255.0000, 0.0000,
0.0000

138.5560,
-37.7421, -121.5136

203.8180,
-28.0113, -69.1234

118.4720,
-43.6167, -103.8999

217.1760,
-20.7928, -51.0204

98.0290, -48.3283,
-85.9714

230.3490,
-12.9901, -33.6321

81.5930, -40.2253,
-71.5571

243.2230, -5.0399,
-16.8586

65.7440, -32.4118,
-57.6575

50.4820, -24.8876,
-44.2727

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 170.2360,
-39.0633, -117.7250

■ 170.2360,
-39.0633, -117.7250

■ 160.5950,
-43.6773, -131.1948

■ 179.8770,
-34.4494, -104.2551

■ 156.3940,
-45.5502, -137.1575

■ 189.8170,
-29.9828, -90.1705

■ 199.4580,
-25.3688, -76.7007

■ 209.3980,
-20.9022, -62.6160

■ 219.0390,
-16.2882, -49.1462

■ 228.6800,
-11.6742, -35.6764

■ 238.6200, -7.2077,
-21.5917

■ 248.2610, -2.5937,
-8.1219

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



197.7230, -97.4774, -1.5111



170.2360, -39.0633, -117.7250



171.4590, 9.6337, -150.3695

Triad

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



170.2360, -39.0633, -117.7250



169.9500, 41.9297, -149.0461



165.5290, -5.1908, 78.4661

Complementary

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



170.2360, -39.0633, -117.7250



119.7640, 39.0633, 117.7250

Split Complementary

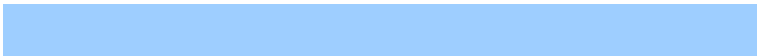
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



173.5380, 38.1888, 71.4422



170.2360, -39.0633, -117.7250



197.2340, 28.4786, -34.4082

Square

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



170.2360, -39.0633, -117.7250



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



180.3960, -57.3832, 65.4277

Rectangle

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



170.2360, -39.0633, -117.7250



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



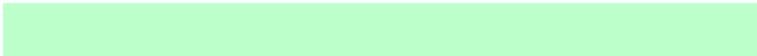
164.3670, 10.6651, 79.4851

Sweetspot

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



170.2360, -39.0633, -117.7250



229.5660, -12.1110, -35.5764



213.0020, -87.2620, -11.4028



112.6200, -7.2077, -21.5917



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.



170.2360, -39.0633, -117.7250



156.9810, -45.8396, -137.6723



182.6620, 8.5476, -128.6226



122.9730, -2.4517, -6.9923



117.5890, -34.3074, -103.1256



39.3920, -11.5323, -34.5468

Inverse Universe

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



119.7640, 39.0633, 117.7250



98.0190, 45.8396, 137.6723



107.4520, -8.1108, 128.5226



119.9130, 2.0149, 7.0923



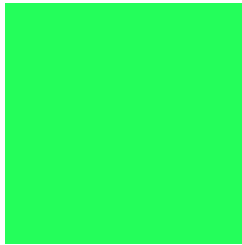
73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 170.2360, -39.0633, -117.7250 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 170.2360, -39.0633, -117.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

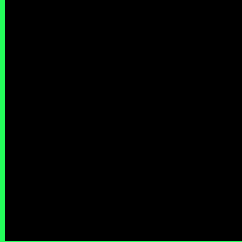
Any Text WCAG AA ✓ Pass

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 170.2360, -39.0633, -117.7250 Background



This preview shows how black text looks on a background with the YUV color 170.2360, -39.0633, -117.7250.



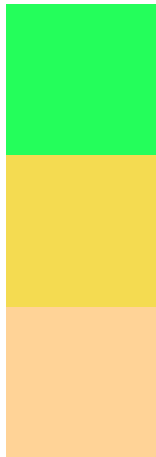
This preview shows how white text looks on a background with the YUV color 170.2360, -39.0633, -117.7250.

-117.7250.

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

170.2360, -39.0633, -117.7250

Protanopia

210.7430, -63.9633, 29.1664

Deuteranopia

217.3160, -32.6938, 33.0489



Tritanopia

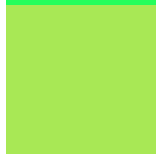
203.1720, 25.5512, -75.5728

Trichromacy



Original Color

170.2360, -39.0633, -117.7250



Protanomaly

196.1060, -54.7753, -24.6490



Deuteranomaly

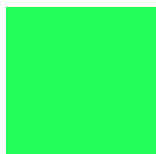
200.2800, -35.1410, -22.1706



Tritanomaly

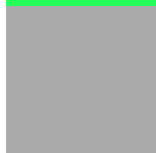
191.1830, 1.8818, -90.4915

Monochromacy



Original Color

170.2360, -39.0633, -117.7250



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.2400, -14.4153, -43.1835

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2360, -39.0633, -117.7250 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(36, 254, 91)` looks like.

```
.text, #text, p{  
    color:rgb(36, 254, 91)  
}
```

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(36, 254, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 254, 91) }
```

Border

The CSS property to change the border of an element to YUV 170.2360, -39.0633, -117.7250 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(36, 254, 91) }
```


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

```
.border{ border-color:rgb(36, 254, 91) }
```

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

Here you see how a box with a 4 pixel rgb(36, 254, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 254, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 254, 91);  
box-shadow:4px 4px 4px 4px rgb(36, 254,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 170.2360, -39.0633, -117.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 254, 91) }
```

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

```
.background{ background-color: rgb(36, 254,  
91) }
```

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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