

Converting Colors

YUV(169.8530, -64.5105,
-28.8121)

Have a look what the booklet for
YUV(169.8530, -64.5105, -28.8121)
contains.

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Color

**YUV(169.8530, -64.5105,
-28.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	89D427
RGB	137, 212, 39
RGB Percent	54%, 83%, 15%
CMY	0.4627, 0.1686, 0.8471
CMYK	0.35, 0.00, 0.82, 0.17
HSL	86°, 69%, 49%
HSV	86°, 82%, 83%
XYZ	34.2262, 52.5518, 10.2591
YIQ	169.8530, 10.8330, -69.7030

Conversions

Conversions Part 2

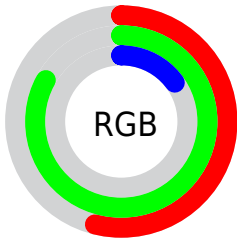
Format	Color
RYB	39, 212, 114
Decimal	9032743
CIELab	77.61, -47.77, 70.39
CIELCh	78, 85.066, 124.162
Yxy	52.5518, 0.3527, 0.5416
Android (android.graphics.Color)	4287222823 (0xFF89D427)
YUV	169.8530, -64.5105, -28.8121
Hunter-Lab	72.4926, -42.5862, 42.3542

Details

The YUV color **169.8530, -64.5105, -28.8121** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **81.1470, 64.5105, 28.8121**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5040, -58.4225, -21.4900**, and **115.7800, -57.0795, -32.2561** is the 20% darker color. If you saturate the color by 10%, you get **164.7680, -72.3566, -32.2455**, and if you desaturate by 10%, it is **174.9380, -56.6644, -25.3786**.

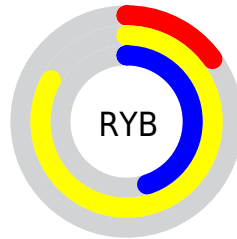
Distribution



Red (54%)

Green (83%)

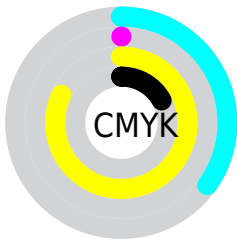
Blue (15%)



Red (15%)

Yellow (83%)

Blue (45%)

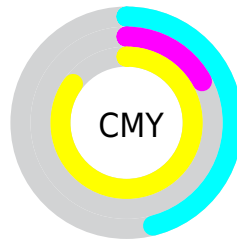


Cyan (35%)

Magenta (0%)

Yellow (82%)

Black (17%)



Cyan (46%)

Magenta (17%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.8530, -64.5105, -28.8121 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 169.8530, -64.5105, -28.8121 by changing the saturation by 10% instead.

■ 169.8530,
-64.5105, -28.8121

■ 169.8530,
-64.5105, -28.8121

■ 255.0000, 0.0000,
0.0000

■ 140.3000,
-69.1679, -28.3271

■ 219.5040,
-58.4225, -21.4900

■ 115.7800,
-57.0795, -32.2561

■ 231.6660,
-50.6143, -5.8461

■ 90.3630, -44.5490,
-38.0294

■ 243.9420,
-42.3694, 9.6979

■ 61.0480, -30.0967,
-53.5391

■ 247.1340,
-30.1391, 6.8985

■ 46.9600, -23.1513,
-41.1839

■ 250.4400,
-17.4719, 3.9991

■ 32.8720, -16.2059,
-28.8287

■ 253.8600, -4.3680,

■ 19.9580, -9.8393,

0.9998

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 169.8530,
-64.5105, -28.8121

■ 169.8530,
-64.5105, -28.8121

■ 164.7680,
-72.3566, -32.2455

■ 174.9380,
-56.6644, -25.3786

■ 160.3240,
-79.0397, -35.3641

■ 180.0230,
-48.8183, -21.9452

■ 185.5210,
-40.6829, -17.9969

■ 190.6060,
-32.8368, -14.5635

■ 195.6910,
-24.9907, -11.1300

■ 200.7760,
-17.1446, -7.6966

■ 205.8610, -9.2985,
-4.2631

■ 211.3590, -1.1630,
-0.3148

■ 216.4440, 6.6831,
3.1186

Harmonies

Analogous

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



178.1850, -87.8452, 35.7948



169.8530, -64.5105, -28.8121



144.4670, -12.5552, -126.6976

Triad

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



169.8530, -64.5105, -28.8121



157.0360, 48.2963, -137.7206



160.6170, 11.5278, 82.7739

Complementary

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



169.8530, -64.5105, -28.8121



81.1470, 64.5105, 28.8121

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.



180.4510, 36.7527, 65.3795



169.8530, -64.5105, -28.8121



145.2960, 54.0841, -127.4246

Square

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



169.8530, -64.5105, -28.8121



162.3190, 45.6917, -142.3538



187.8070, 33.1261, 15.0783



162.5190, -26.8779, 81.1058

Rectangle

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



169.8530, -64.5105, -28.8121



152.9710, 9.8743, -134.1556



187.8070, 33.1261, 15.0783



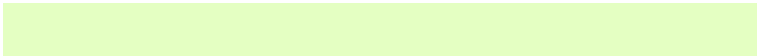
164.8690, 22.7426, 79.0449

Sweetspot

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



169.8530, -64.5105, -28.8121



239.9730, -22.6647, -10.5003



134.7520, -47.2057, 67.7465



118.6990, -13.6556, -6.7520



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.



169.8530, -64.5105, -28.8121



194.2080, -93.2795, -41.4014



144.1390, -51.8335, -81.6829



104.2510, -4.0677, -1.9741



129.3800, -63.7843, -28.3973



32.7160, -16.1290, -6.7669

Inverse Universe

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



81.1470, 64.5105, 28.8121



65.7920, 93.2795, 41.4014



106.8610, 51.8335, 81.6829



98.7490, 4.0677, 1.9741



41.6200, 63.7843, 28.3973



10.5830, 15.9816, 7.3817

Previews

White Background



This preview shows how the YUV color 169.8530, -64.5105, -28.8121 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 169.8530, -64.5105, -28.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

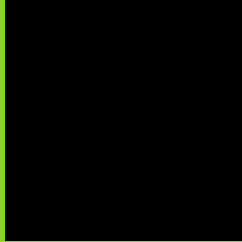
Any Text WCAG AA ✓ Pass

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 169.8530, -64.5105, -28.8121 Background



This preview shows how black text looks on a background with the YUV color 169.8530, -64.5105, -28.8121.



This preview shows how white text looks on a background with the YUV color 169.8530, -64.5105, -28.8121.

-28.8121.

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

169.8530, -64.5105, -28.8121

Protanopia

180.1640, -72.5519, 30.5512

Deuteranopia

183.9780, -63.5862, 48.2543



Tritanopia

187.4620, 12.5902, -24.9612

Trichromacy



Original Color

169.8530, -64.5105, -28.8121

Protanomaly

176.7160, -69.8660, 9.0191

Deuteranomaly

178.6880, -63.9362, 20.4446

Tritanomaly

180.8230, -15.1957, -26.1548

Monochromacy



Original Color

169.8530, -64.5105, -28.8121

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7450, -23.5383, -10.3004

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.8530, -64.5105, -28.8121 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(137, 212, 39)` looks like.

```
.text, #text, p{  
    color:rgb(137, 212, 39)  
}
```

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(137, 212, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 212, 39) }
```

Border

The CSS property to change the border of an element to YUV 169.8530, -64.5105, -28.8121 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(137, 212, 39) }
```


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

```
.border{ border-color:rgb(137, 212, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 212, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 212, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 212, 39);  
box-shadow:4px 4px 4px 4px rgb(137, 212,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 169.8530, -64.5105, -28.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 212, 39) }
```

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

```
.background{ background-color: rgb(137,  
212, 39) }
```

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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