

Converting Colors

YUV(189.2970, -78.0404,
-29.2015)

Have a look what the booklet for
YUV(189.2970, -78.0404, -29.2015)
contains.

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Color

**YUV(189.2970, -78.0404,
-29.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	9CED1F
RGB	156, 237, 31
RGB Percent	61%, 93%, 12%
CMY	0.3882, 0.0706, 0.8784
CMYK	0.34, 0.00, 0.87, 0.07
HSL	84°, 85%, 53%
HSV	84°, 87%, 93%
XYZ	44.2418, 67.7352, 12.0387
YIQ	189.2970, 17.8500, -81.2380

Conversions

Conversions Part 2

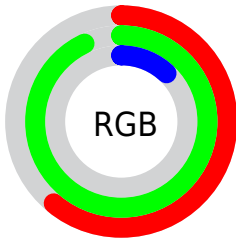
Format	Color
RYB	31, 237, 112
Decimal	10284319
CIELab	85.87, -51.61, 79.65
CIELCh	86, 94.913, 122.943
Yxy	67.7352, 0.3567, 0.5462
Android (android.graphics.Color)	4288474399 (0xFF9CED1F)
YUV	189.2970, -78.0404, -29.2015
Hunter-Lab	82.3014, -48.0733, 48.9383

Details

The YUV color **189.2970, -78.0404, -29.2015** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **78.7030, 78.0404, 29.2015**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6690, -61.9548, -8.4797**, and **134.9510, -66.5308, -34.1600** is the 20% darker color. If you saturate the color by 10%, you get **183.8700, -87.1969, -32.3350**, and if you desaturate by 10%, it is **194.7240, -68.8839, -26.0679**.

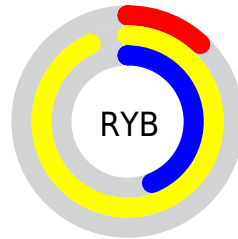
Distribution



Red (61%)

Green (93%)

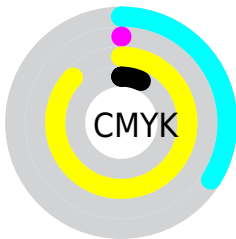
Blue (12%)



Red (12%)

Yellow (93%)

Blue (44%)

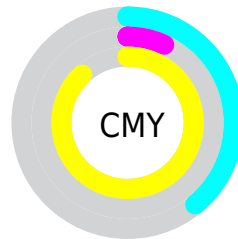


Cyan (34%)

Magenta (0%)

Yellow (87%)

Black (7%)



Cyan (39%)

Magenta (7%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2970, -78.0404, -29.2015 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 189.2970, -78.0404, -29.2015 by changing the saturation by 10% instead.

■ 189.2970,
-78.0404, -29.2015

■ 189.2970,
-78.0404, -29.2015

■ 255.0000, 0.0000,
0.0000

■ 159.7700,
-78.7666, -29.6163

■ 225.6690,
-61.9548, -8.4797

■ 134.9510,
-66.5308, -34.1600

■ 238.0590,
-53.2731, 6.9643

■ 109.2460,
-53.8583, -38.8037

■ 244.0560,
-41.9326, 9.5979

■ 82.9210, -40.8801,
-48.1657

■ 247.3620,
-29.2655, 6.6985

■ 59.2870, -29.2285,
-51.9947

■ 250.7820,
-16.1615, 3.6992

■ 44.6120, -21.9937,
-39.1247

■ 254.2020, -3.0576,

■ 30.5240, -15.0483,

0.6998

-26.7695

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 189.2970,
-78.0404, -29.2015

■ 189.2970,
-78.0404, -29.2015

■ 183.8700,
-87.1969, -32.3350

■ 194.7240,
-68.8839, -26.0679

■ 182.1750,
-89.8123, -33.4795

■ 200.3360,
-60.3116, -22.2197

■ 205.7630,
-51.1552, -19.0862

■ 211.1900,
-41.9987, -15.9526

■ 216.8020,
-33.4264, -12.1044

■ 222.2290,
-24.2699, -8.9708

■ 227.6560,
-15.1134, -5.8373

■ 233.3820, -6.1043,
-2.0890

■ 238.6950, 2.6154,
1.1445

Harmonies

Analogous

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



199.7700, -98.4866, 42.2977



189.2970, -78.0404, -29.2015



161.3420, -16.4376, -141.4969

Triad

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



189.2970, -78.0404, -29.2015



172.8850, 40.4827, -151.6201



168.8640, 20.2800, 75.5413

Complementary

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



189.2970, -78.0404, -29.2015



78.7030, 78.0404, 29.2015

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.



188.6690, 32.7012, 58.1723



189.2970, -78.0404, -29.2015



159.9710, 46.8493, -140.2946

Square

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



189.2970, -78.0404, -29.2015



178.1680, 37.8782, -156.2533



204.9290, 24.6850, 15.8483



171.1590, -24.2354, 73.5286

Rectangle

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



189.2970, -78.0404, -29.2015



170.7580, 9.4863, -149.7548



204.9290, 24.6850, 15.8483



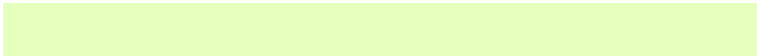
174.6320, 32.2264, 70.4827

Sweetspot

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



189.2970, -78.0404, -29.2015



239.7020, -24.9961, -9.3857



138.9670, -53.2277, 85.9749



118.6560, -15.1134, -5.8373



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.



189.2970, -78.0404, -29.2015



196.0300, -96.6428, -35.9833



159.0980, -63.1523, -91.2939



114.5500, -4.2152, -1.3594



139.1370, -68.5945, -25.5531



41.2660, -20.3441, -8.1263

Inverse Universe

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



78.7030, 78.0404, 29.2015



58.9700, 96.6428, 35.9833



108.9020, 63.1523, 91.2939



108.4500, 4.2152, 1.3594



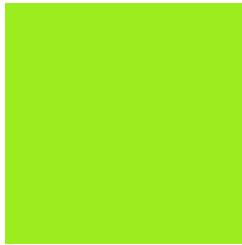
41.8630, 68.5945, 25.5531



12.4350, 20.4915, 7.5115

Previews

White Background



This preview shows how the YUV color 189.2970, -78.0404, -29.2015 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 189.2970, -78.0404, -29.2015 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 189.2970, -78.0404, -29.2015 Background



This preview shows how black text looks on a background with the YUV color 189.2970, -78.0404, -29.2015.



This preview shows how white text looks on a background with the YUV color 189.2970, -78.0404, -29.2015.

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

189.2970, -78.0404, -29.2015

Protanopia

200.2990, -87.4084, 35.6948

Deuteranopia

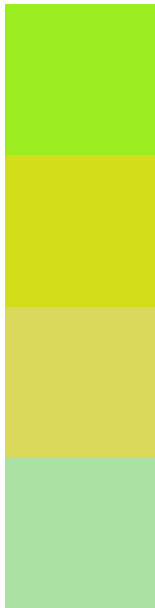
211.4170, -42.6036, 38.2223



Tritanopia

210.0920, 13.7586, -26.3907

Trichromacy



Original Color

189.2970, -78.0404, -29.2015

Protanomaly

196.0680, -83.8435, 12.2184

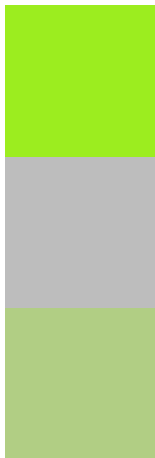
Deuteranomaly

203.2340, -55.3314, 13.8268

Tritanomaly

202.3730, -19.4109, -27.5141

Monochromacy



Original Color

189.2970, -78.0404, -29.2015

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8930, -28.0482, -10.4302

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2970, -78.0404, -29.2015 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(156, 237, 31)` looks like.

```
.text, #text, p{  
    color:rgb(156, 237, 31)  
}
```

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(156, 237, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 237, 31) }
```

Border

The CSS property to change the border of an element to YUV 189.2970, -78.0404, -29.2015 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(156, 237, 31) }
```


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

```
.border{ border-color:rgb(156, 237, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 237, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 237, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 237, 31);  
box-shadow:4px 4px 4px 4px rgb(156, 237,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 189.2970, -78.0404, -29.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 237, 31) }
```

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

```
.background{ background-color: rgb(156,  
237, 31) }
```

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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