

Converting Colors

YUV(177.0590, -43.4131,
-28.9927)

Have a look what the booklet for
YUV(177.0590, -43.4131, -28.9927)
contains.

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Color

**YUV(177.0590, -43.4131,
-28.9927)**

Conversions

Conversions Part 1

Format	Color
Hex	90D359
RGB	144, 211, 89
RGB Percent	56%, 83%, 35%
CMY	0.4353, 0.1725, 0.6510
CMYK	0.32, 0.00, 0.58, 0.17
HSL	93°, 58%, 59%
HSV	93°, 58%, 83%
XYZ	36.5990, 53.2391, 17.7984
YIQ	177.0590, -0.7700, -52.1460

Conversions

Conversions Part 2

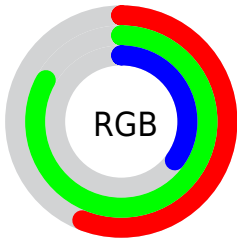
Format	Color
RYB	89, 211, 156
Decimal	9491289
CIELab	78.02, -41.48, 52.74
CIElCh	78, 67.101, 128.185
Yxy	53.2391, 0.3400, 0.4946
Android (android.graphics.Color)	4287681369 (0xFF90D359)
YUV	177.0590, -43.4131, -28.9927
Hunter-Lab	72.9651, -38.1540, 36.6130

Details

The YUV color **177.0590, -43.4131, -28.9927** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **122.9410, 43.4131, 28.9927**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0860, -40.9614, -22.0004**, and **122.1730, -42.9763, -29.0927** is the 20% darker color. If you saturate the color by 10%, you get **171.0770, -50.8170, -34.2705**, and if you desaturate by 10%, it is **183.0410, -36.0092, -23.7150**.

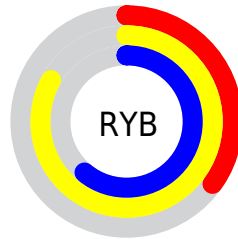
Distribution



Red (56%)

Green (83%)

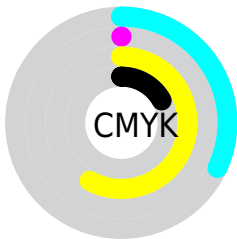
Blue (35%)



Red (35%)

Yellow (83%)

Blue (61%)

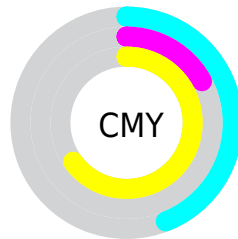


Cyan (32%)

Magenta (0%)

Yellow (58%)

Black (17%)



Cyan (44%)

Magenta (17%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0590, -43.4131, -28.9927 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 177.0590, -43.4131, -28.9927 by changing the saturation by 10% instead.

■ 177.0590,
-43.4131, -28.9927

■ 177.0590,
-43.4131, -28.9927

255.0000, 0.0000,
0.0000

■ 149.1730,
-42.9763, -29.0927

■ 226.0860,
-40.9614, -22.0004

■ 122.1730,
-42.9763, -29.0927

■ 237.8350,
-33.4427, -6.8713

■ 94.5490, -46.6127,
-29.4225

■ 248.5020,
-24.8975, 5.6987

■ 70.0180, -34.5189,
-35.0958

■ 251.8080,
-12.2303, 2.7994

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 177.0590,
-43.4131, -28.9927

■ 177.0590,
-43.4131, -28.9927

■ 171.0770,
-50.8170, -34.2705

■ 183.0410,
-36.0092, -23.7150

■ 165.3940,
-58.3682, -38.9335

■ 188.7240,
-28.4579, -19.0519

■ 159.4120,
-65.7721, -44.2113

■ 194.7060,
-21.0541, -13.7742

■ 153.7290,
-73.3234, -48.8743

■ 200.3890,
-13.5028, -9.1112

■ 152.2620,
-75.0652, -50.2188

■ 206.4850, -5.6621,
-3.9333

■ 212.4670, 1.7418,
1.3444

■ 218.1500, 9.2930,
6.0074

■ 223.7900, 15.3865,
11.5852

■ 227.0790, 13.7651,
18.3477

Harmonies

Analogous

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



184.2800, -61.7630, 23.4334



177.0590, -43.4131, -28.9927



145.8550, -0.9145, -127.0378

Triad

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



177.0590, -43.4131, -28.9927



153.5140, 50.0326, -134.6318



176.3690, 0.8041, 68.9594

Complementary

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



177.0590, -43.4131, -28.9927



122.9410, 43.4131, 28.9927

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.



188.8340, 25.7178, 58.0276



177.0590, -43.4131, -28.9927



173.1470, 40.3535, -63.2729

Square

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



177.0590, -43.4131, -28.9927



158.7970, 47.4281, -139.2650



193.7540, 30.1943, 22.1407



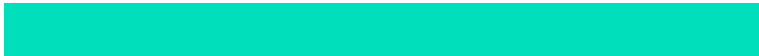
177.2740, -28.7291, 68.1657

Rectangle

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



177.0590, -43.4131, -28.9927



152.2190, 17.1470, -133.4961



193.7540, 30.1943, 22.1407



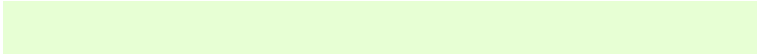
178.7630, 9.9768, 66.8598

Sweetspot

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



177.0590, -43.4131, -28.9927



242.9220, -15.2445, -10.4556



163.6330, -36.7941, 41.5409



120.5510, -9.1456, -6.6222



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.



177.0590, -43.4131, -28.9927



205.9330, -62.5780, -42.0372



161.0700, -33.5585, -63.2054



101.9520, -3.9203, -2.5889



121.3400, -59.8206, -39.7632



29.4490, -14.5184, -10.0408

Inverse Universe

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



122.9410, 43.4131, 28.9927



128.0670, 62.5780, 42.0372



138.9300, 33.5585, 63.2054



97.0480, 3.9203, 2.5889



46.6600, 59.8206, 39.7632



11.2520, 14.6658, 9.4260

Previews

White Background



This preview shows how the YUV color 177.0590, -43.4131, -28.9927 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 177.0590, -43.4131, -28.9927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

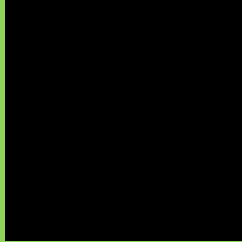
Any Text WCAG AA ✓ Pass

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 177.0590, -43.4131, -28.9927 Background



This preview shows how black text looks on a background with the YUV color 177.0590, -43.4131, -28.9927.



This preview shows how white text looks on a background with the YUV color 177.0590, -43.4131, -28.9927.

-28.9927.

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

177.0590, -43.4131, -28.9927

Protanopia

185.8530, -50.7065, 23.8079

Deuteranopia

189.0430, -45.3772, 41.1813



Tritanopia

189.0600, 12.2954, -23.7316

Trichromacy



Original Color

177.0590, -43.4131, -28.9927

Protanomaly

182.7150, -48.1735, 4.6349

Deuteranomaly

184.7040, -44.7171, 16.0456

Tritanomaly

184.7720, -7.7756, -26.1100

Monochromacy



Original Color

177.0590, -43.4131, -28.9927

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8080, -15.6813, -10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0590, -43.4131, -28.9927 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(144, 211, 89)` looks like.

```
.text, #text, p{  
    color:rgb(144, 211, 89)  
}
```

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(144, 211, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 211, 89) }
```

Border

The CSS property to change the border of an element to YUV 177.0590, -43.4131, -28.9927 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(144, 211, 89) }
```


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

```
.border{ border-color:rgb(144, 211, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 211, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 211, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 211, 89);  
box-shadow:4px 4px 4px 4px rgb(144, 211,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 177.0590, -43.4131, -28.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 211, 89) }
```

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

```
.background{ background-color: rgb(144,  
211, 89) }
```

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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