

Converting Colors

YUV(159.9330, -29.0540,
-61.3312)

Have a look what the booklet for
YUV(159.9330, -29.0540, -61.3312)
contains.

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Color

**YUV(159.9330, -29.0540,
-61.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	5ACF65
RGB	90, 207, 101
RGB Percent	35%, 81%, 40%
CMY	0.6471, 0.1882, 0.6039
CMYK	0.57, 0.00, 0.51, 0.19
HSL	126°, 55%, 58%
HSV	126°, 57%, 81%
XYZ	28.8782, 47.7389, 20.0044
YIQ	159.9330, -35.7060, -57.7700

Conversions

Conversions Part 2

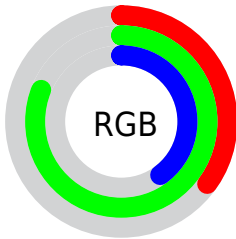
Format	Color
RYB	90, 197, 207
Decimal	5951333
CIELab	74.66, -54.64, 42.61
CIELCh	75, 69.292, 142.050
Yxy	47.7389, 0.2989, 0.4941
Android (android.graphics.Color)	4284141413 (0xFF5ACF65)
YUV	159.9330, -29.0540, -61.3312
Hunter-Lab	69.0933, -46.3075, 31.1993

Details

The YUV color **159.9330, -29.0540, -61.3312** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **137.0670, 29.0540, 61.3312**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7920, -28.4915, -55.0686**, and **98.5120, -23.9164, -75.8710** is the 20% darker color. If you saturate the color by 10%, you get **151.4880, -34.2576, -72.3420**, and if you desaturate by 10%, it is **168.3780, -23.8504, -50.3205**.

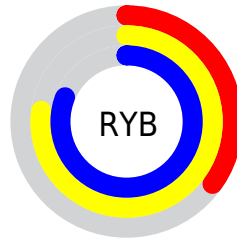
Distribution



Red (35%)

Green (81%)

Blue (40%)



Red (35%)

Yellow (77%)

Blue (81%)

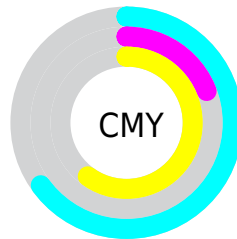


Cyan (57%)

Magenta (0%)

Yellow (51%)

Black (19%)



Cyan (65%)

Magenta (19%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9330, -29.0540, -61.3312 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 159.9330, -29.0540, -61.3312 by changing the saturation by 10% instead.

■ 159.9330,
-29.0540, -61.3312

■ 159.9330,
-29.0540, -61.3312

■ 255.0000, 0.0000,
0.0000

■ 130.9650,
-27.5907, -63.9903

■ 211.7920,
-28.4915, -55.0686

■ 98.5120, -23.9164,
-75.8710

■ 223.5410,
-20.9727, -39.9395

■ 75.9970, -26.1275,
-66.6494

■ 235.7030,
-13.1646, -24.2955

■ 58.1130, -28.6497,
-50.9651

■ 247.9790, -4.9196,
-8.7516

■ 43.4380, -21.4149,
-38.0951

■ 29.9370, -14.7589,
-26.2547

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 159.9330,
-29.0540, -61.3312

■ 159.9330,
-29.0540, -61.3312

■ 151.4880,
-34.2576, -72.3420

■ 168.3780,
-23.8504, -50.3205

■ 143.3420,
-39.6086, -82.7379

■ 176.5240,
-18.4993, -39.9245

■ 135.0110,
-44.3754, -93.8486

■ 184.8550,
-13.7325, -28.8138

■ 126.5660,
-49.5790, -104.8594

■ 193.3000, -8.5289,
-17.8031

■ 123.6750,
-51.6048, -108.4630

■ 201.7450, -3.3253,
-6.7924

■ 209.8910, 2.0257,
3.6036

■ 218.2220, 6.7926,
14.7143

■ 226.3680, 12.1436,
25.1103

■ 226.8240, 13.8908,
24.7104

Harmonies

Analogous

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



171.0490, -58.1982, -0.0430



159.9330, -29.0540, -61.3312



143.7270, 9.9946, -126.0486

Triad

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



159.9330, -29.0540, -61.3312



144.1220, 54.6629, -126.3950



166.7540, -13.1897, 77.3917

Complementary

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



159.9330, -29.0540, -61.3312



137.0670, 29.0540, 61.3312

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.



173.3490, 14.6179, 71.6079



159.9330, -29.0540, -61.3312



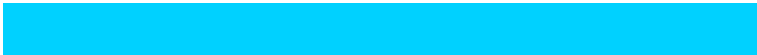
177.2540, 38.3288, -20.3938

Square

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



159.9330, -29.0540, -61.3312



151.7530, 50.9008, -133.0874



188.0270, 33.0177, 49.9653



173.2840, -44.0170, 71.6649

Rectangle

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



159.9330, -29.0540, -61.3312



149.3300, 28.9243, -130.9624



188.0270, 33.0177, 49.9653



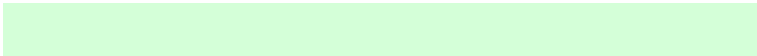
167.3870, -3.1488, 76.8366

Sweetspot

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



159.9330, -29.0540, -61.3312



237.6970, -10.6966, -22.5363



190.6720, -49.6313, 5.5497



117.4900, -6.6506, -13.5847



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.



159.9330, -29.0540, -61.3312



185.3750, -43.0759, -90.6599



166.4310, -4.1565, -67.0300



100.5710, -2.7465, -5.7628



100.4400, -41.6289, -88.0859



24.5230, -10.1178, -21.5067

Inverse Universe

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



137.0670, 29.0540, 61.3312



151.6250, 43.0759, 90.6599



130.5690, 4.1565, 67.0300



98.4290, 2.7465, 5.7628



67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 159.9330, -29.0540, -61.3312 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 159.9330, -29.0540, -61.3312 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

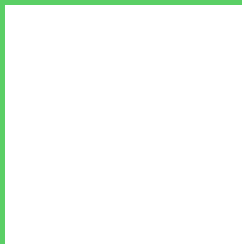
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.9330, -29.0540, -61.3312 Background



This preview shows how black text looks on a background with the YUV color 159.9330, -29.0540, -61.3312.



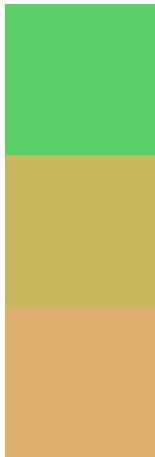
This preview shows how white text looks on a background with the YUV color 159.9330, -29.0540, -61.3312.

-61.3312.

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

159.9330, -29.0540, -61.3312

Protanopia

178.1220, -41.9651, 20.0640

Deuteranopia

180.6430, -35.3200, 35.3931



Tritanopia

173.5020, 18.4865, -49.5523

Trichromacy



Original Color

159.9330, -29.0540, -61.3312



Protanomaly

171.7870, -37.3630, -9.4602



Deuteranomaly

172.9930, -33.0275, 0.0061



Tritanomaly

168.3000, 1.3311, -53.7601

Monochromacy



Original Color

159.9330, -29.0540, -61.3312



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1100, -10.4072, -22.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9330, -29.0540, -61.3312 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(90, 207, 101)` looks like.

```
.text, #text, p{  
    color:rgb(90, 207, 101)  
}
```

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(90, 207, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 207, 101) }
```

Border

The CSS property to change the border of an element to YUV 159.9330, -29.0540, -61.3312 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(90, 207, 101) }
```


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

```
.border{ border-color:rgb(90, 207, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 207, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 207, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 207, 101);  
box-shadow:4px 4px 4px 4px rgb(90, 207,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 159.9330, -29.0540, -61.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 207, 101) }
```

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

```
.background{ background-color: rgb(90, 207,  
101) }
```

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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