

Converting Colors

YUV(123.8060, -29.9774,
-91.9149)

Have a look what the booklet for
YUV(123.8060, -29.9774, -91.9149)
contains.

YUV(123.8060, -29.9774, -91.9149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.8060, -29.9774,
-91.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	13BD3F
RGB	19, 189, 63
RGB Percent	7%, 74%, 25%
CMY	0.9255, 0.2588, 0.7529
CMYK	0.90, 0.00, 0.67, 0.26
HSL	136°, 82%, 41%
HSV	136°, 90%, 74%
XYZ	19.3634, 36.8925, 10.8030
YIQ	123.8060, -60.8740, -75.2260

Conversions

Conversions Part 2

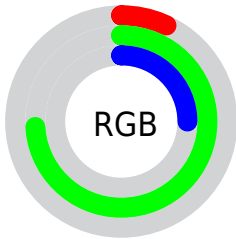
Format	Color
RYB	19, 154, 189
Decimal	1293631
CIELab	67.20, -64.40, 50.85
CIELCh	67, 82.057, 141.704
Yxy	36.8925, 0.2888, 0.5502
Android (android.graphics.Color)	4279483711 (0xFF13BD3F)
YUV	123.8060, -29.9774, -91.9149
Hunter-Lab	60.7392, -49.3887, 31.9722

Details

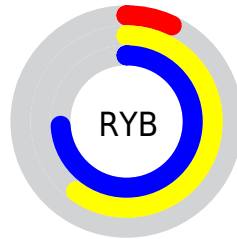
The YUV color **123.8060, -29.9774, -91.9149** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **84.1940, 29.9774, 91.9149**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0100, -35.9939, -75.4308**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **116.5290, -33.2918, -102.1959**, and if you desaturate by 10%, it is **131.0830, -26.6629, -81.6338**.

Distribution



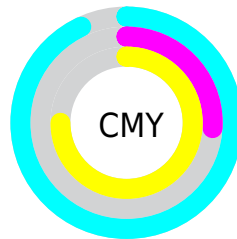
- Red (7%)
- Green (74%)
- Blue (25%)



- Red (7%)
- Yellow (60%)
- Blue (74%)



- Cyan (90%)
- Magenta (0%)
- Yellow (67%)
- Black (26%)



- Cyan (93%)
- Magenta (26%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8060, -29.9774, -91.9149 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 123.8060, -29.9774, -91.9149 by changing the saturation by 10% instead.

■ 123.8060,
-29.9774, -91.9149

■ 123.8060,
-29.9774, -91.9149

■ 255.0000, 0.0000,
0.0000

■ 98.4970, -31.3040,
-86.3819

■ 189.0100,
-35.9939, -75.4308

■ 78.6580, -38.7784,
-68.9831

■ 206.0530,
-31.0851, -63.1905

■ 62.8090, -30.9648,
-55.0835

■ 218.5140,
-23.4244, -46.9318

■ 48.1340, -23.7301,
-42.2135

■ 230.6760,
-15.6163, -31.2879

■ 34.0460, -16.7847,
-29.8583

■ 243.1370, -7.9555,
-15.0291

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 123.8060,
-29.9774, -91.9149

■ 123.8060,
-29.9774, -91.9149

■ 116.5290,
-33.2918, -102.1959

■ 131.0830,
-26.6629, -81.6338

■ 138.3600,
-23.3485, -71.3527

■ 145.6370,
-20.0340, -61.0716

■ 152.9140,
-16.7196, -50.7906

■ 160.1910,
-13.4052, -40.5095

■ 167.1690, -9.9433,
-30.8432

■ 174.4460, -6.6289,
-20.5621

■ 181.7230, -3.3144,
-10.2811

■ 189.0000, 0.0000,
0.0000

Harmonies

Analogous

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



146.6670, -72.3068, -1.4620



123.8060, -29.9774, -91.9149



130.4250, 4.7205, -114.3827

Triad

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



123.8060, -29.9774, -91.9149



134.1430, 59.5825, -117.6434



140.3100, -12.9708, 100.5831

Complementary

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



123.8060, -29.9774, -91.9149



84.1940, 29.9774, 91.9149

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.



146.2840, 20.0730, 95.3439



123.8060, -29.9774, -91.9149



152.3690, 50.5971, -35.4036

Square

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



123.8060, -29.9774, -91.9149



141.7740, 55.8204, -124.3358



166.2310, 43.7631, 56.8024



151.7010, -53.0966, 90.5932

Rectangle

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



123.8060, -29.9774, -91.9149



137.5270, 26.8552, -120.6112



166.2310, 43.7631, 56.8024



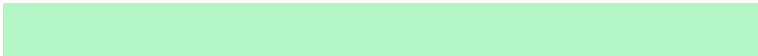
138.9370, -0.4619, 101.7873

Sweetspot

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



123.8060, -29.9774, -91.9149



219.6800, -11.6742, -35.6764



157.0620, -68.0646, -8.8244



107.0330, -6.9183, -21.0769



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.8060, -29.9774, -91.9149



150.9970, -43.3825, -132.4244



133.3820, 6.7137, -100.3130



90.5110, -1.7309, -4.8331



97.4200, -27.8151, -85.4373



19.1090, -5.4767, -16.7586

Inverse Universe

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



84.1940, 29.9774, 91.9149



93.8890, 42.9457, 132.5243



74.6180, -6.7137, 100.3130



88.4890, 1.7309, 4.8331



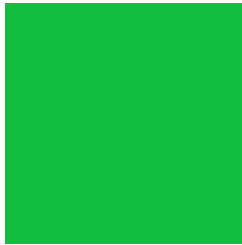
60.5800, 27.8151, 85.4373



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 123.8060, -29.9774, -91.9149 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 123.8060, -29.9774, -91.9149 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 123.8060, -29.9774, -91.9149 Background



This preview shows how black text looks on a background with the YUV color 123.8060, -29.9774, -91.9149.



This preview shows how white text looks on a background with the YUV color 123.8060, -29.9774, -91.9149.

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

123.8060, -29.9774, -91.9149

Protanopia

155.5970, -49.1013, 22.2784

Deuteranopia

158.9330, -41.8720, 36.8928



Tritanopia

148.9950, 20.7085, -62.2626

Trichromacy



Original Color

123.8060, -29.9774, -91.9149



Protanomaly

144.1680, -41.9878, -19.4413



Deuteranomaly

146.3740, -37.6524, -9.9750



Tritanomaly

139.7060, 2.1169, -72.5332

Monochromacy



Original Color

123.8060, -29.9774, -91.9149



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

124.2180, -10.9535, -33.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8060, -29.9774, -91.9149 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(19, 189, 63)` looks like.

```
.text, #text, p{  
    color:rgb(19, 189, 63)  
}
```

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(19, 189, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 189, 63) }
```

Border

The CSS property to change the border of an element to YUV 123.8060, -29.9774, -91.9149 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(19, 189, 63) }
```


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

```
.border{ border-color:rgb(19, 189, 63) }
```

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

Here you see how a box with a 4 pixel rgb(19, 189, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 189, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 189, 63);  
box-shadow:4px 4px 4px 4px rgb(19, 189,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 123.8060, -29.9774, -91.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 189, 63) }
```

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

```
.background{ background-color: rgb(19, 189,  
63) }
```

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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