

Converting Colors

YUV(151.3090, -59.3123,
-16.0570)

Have a look what the booklet for
YUV(151.3090, -59.3123, -16.0570)
contains.

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Color

**YUV(151.3090, -59.3123,
-16.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	85B81F
RGB	133, 184, 31
RGB Percent	52%, 72%, 12%
CMY	0.4784, 0.2784, 0.8784
CMYK	0.28, 0.00, 0.83, 0.28
HSL	80°, 71%, 42%
HSV	80°, 83%, 72%
XYZ	27.0607, 39.3665, 7.4686
YIQ	151.3090, 18.7170, -58.3950

Conversions

Conversions Part 2

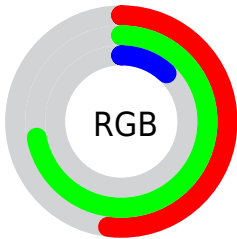
Format	Color
R_{YB}	31, 184, 82
Decimal	8763423
CIE _{Lab}	69.02, -37.52, 64.71
CIE _{LCh}	69, 74.799, 120.105
Yxy	39.3665, 0.3662, 0.5327
Android (android.graphics.Color)	4286953503 (0xFF85B81F)
YUV	151.3090, -59.3123, -16.0570
Hunter-Lab	62.7427, -32.8134, 36.8623

Details

The YUV color **151.3090, -59.3123, -16.0570** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **63.6910, 59.3123, 16.0570**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0640, -57.7126, -15.8421**, and **99.9200, -49.2606, -20.1008** is the 20% darker color. If you saturate the color by 10%, you get **147.4630, -66.2903, -17.9461**, and if you desaturate by 10%, it is **155.1550, -52.3344, -14.1679**.

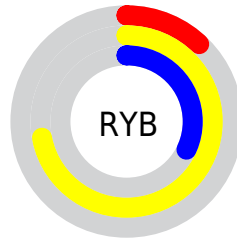
Distribution



Red (52%)

Green (72%)

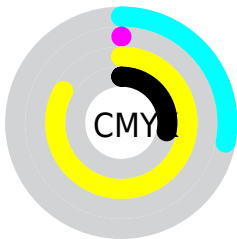
Blue (12%)



Red (12%)

Yellow (72%)

Blue (32%)

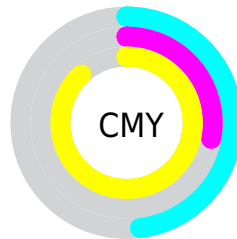


Cyan (28%)

Magenta (0%)

Yellow (83%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3090, -59.3123, -16.0570 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 151.3090, -59.3123, -16.0570 by changing the saturation by 10% instead.

■ 151.3090,
-59.3123, -16.0570

■ 151.3090,
-59.3123, -16.0570

■ 255.0000, 0.0000,
0.0000

■ 123.5540,
-60.9121, -16.2719

■ 208.0640,
-57.7126, -15.8421

■ 99.9200, -49.2606,
-20.1008

■ 228.7320,
-54.0979, -8.5350

■ 76.2860, -37.6090,
-23.9298

■ 240.8940,
-46.2897, 7.1090

■ 52.0320, -25.6518,
-32.4771

■ 245.8800,
-34.9438, 7.9982

■ 33.4590, -16.4953,
-29.3435

■ 249.1860,
-22.2767, 5.0989

■ 21.7190, -10.7075,
-19.0476

■ 252.4920, -9.6096,

■ 0.0000, 0.0000,

2.1995

0.0000

■ 151.3090,
-59.3123, -16.0570

■ 151.3090,
-59.3123, -16.0570

■ 147.4630,
-66.2903, -17.9461

■ 155.1550,
-52.3344, -14.1679

■ 144.7850,
-71.3790, -19.1054

■ 159.1150,
-44.9197, -12.3789

■ 162.9610,
-37.9418, -10.4898

■ 167.2200,
-30.6745, -8.0859

■ 171.0660,
-23.6965, -6.1969

■ 174.9120,
-16.7186, -4.3078

■ 178.8720, -9.3039,
-2.5187

■ 182.7180, -2.3260,
-0.6297

■ 186.6780, 5.0887,
1.1594

Harmonies

Analogous

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



156.9540, -77.3783, 38.6283



151.3090, -59.3123, -16.0570



125.5230, -14.0618, -110.0837

Triad

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



151.3090, -59.3123, -16.0570



141.7740, 55.8204, -124.3358



153.2650, 8.7434, 89.2216

Complementary

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



151.3090, -59.3123, -16.0570



63.6910, 59.3123, 16.0570

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.



170.7350, 32.6686, 68.6384



151.3090, -59.3123, -16.0570



132.3820, 60.4507, -116.0990

Square

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



151.3090, -59.3123, -16.0570



143.6030, 45.0587, -125.9398



166.7540, 43.5053, -0.6613



152.7850, -23.5580, 89.6426

Rectangle

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



151.3090, -59.3123, -16.0570



132.5280, 5.1627, -116.2271



166.7540, 43.5053, -0.6613



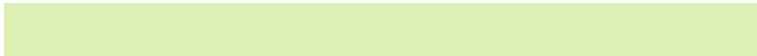
158.2350, 17.6321, 84.8629

Sweetspot

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



151.3090, -59.3123, -16.0570



227.1800, -23.2597, -6.2969



106.6840, -37.3122, 67.8061



112.3080, -13.9558, -3.7781



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



151.3090, -59.3123, -16.0570



188.7200, -93.0390, -25.1874



128.2860, -47.9620, -63.3948



90.0770, -3.4890, -0.9445



122.6680, -60.4753, -16.3718



22.1170, -10.9037, -2.7336

Inverse Universe

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



63.6910, 59.3123, 16.0570



51.2800, 93.0390, 25.1874



86.7140, 47.9620, 63.3948



84.9230, 3.4890, 0.9445



33.3320, 60.4753, 16.3718



5.8830, 10.9037, 2.7336

Previews

White Background



This preview shows how the YUV color 151.3090, -59.3123, -16.0570 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 151.3090, -59.3123, -16.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

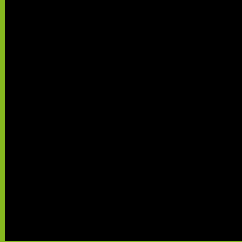
Any Text WCAG AA ✓ Pass

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 151.3090, -59.3123, -16.0570 Background



This preview shows how black text looks on a background with the YUV color 151.3090, -59.3123, -16.0570.



This preview shows how white text looks on a background with the YUV color 151.3090, -59.3123, -16.0570.

-16.0570.

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

151.3090, -59.3123, -16.0570

Protanopia

158.2050, -64.6841, 27.0072

Deuteranopia

161.5520, -57.4601, 43.3659



Tritanopia

166.3170, 9.2107, -14.3100

Trichromacy



Original Color

151.3090, -59.3123, -16.0570

Protanomaly

155.8610, -63.0355, 11.5229

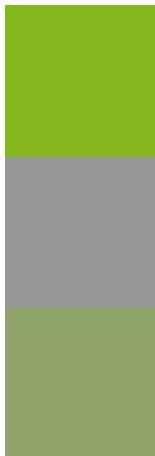
Deuteranomaly

157.8930, -58.1212, 22.0188

Tritanomaly

161.0740, -15.8125, -14.9739

Monochromacy



Original Color

151.3090, -59.3123, -16.0570

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9350, -21.6600, -6.0820

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3090, -59.3123, -16.0570 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(133, 184, 31)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 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(133, 184, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 31) }
```

Border

The CSS property to change the border of an element to YUV 151.3090, -59.3123, -16.0570 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(133, 184, 31) }
```


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

```
.border{ border-color:rgb(133, 184, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 184, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 31);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 151.3090, -59.3123, -16.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 31) }
```

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

```
.background{ background-color: rgb(133,  
184, 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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