

Converting Colors

YUV(151.2330, -0.6079,
-85.2733)

Have a look what the booklet for
YUV(151.2330, -0.6079, -85.2733)
contains.

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Color

**YUV(151.2330, -0.6079,
-85.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	36C996
RGB	54, 201, 150
RGB Percent	21%, 79%, 59%
CMY	0.7882, 0.2118, 0.4118
CMYK	0.73, 0.00, 0.25, 0.21
HSL	159°, 58%, 50%
HSV	159°, 73%, 79%
XYZ	27.9130, 44.7596, 36.0225
YIQ	151.2330, -71.2410, -47.0250

Conversions

Conversions Part 2

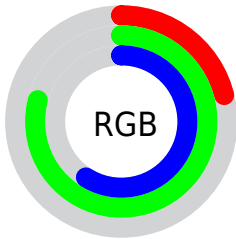
Format	Color
RYB	54, 143, 201
Decimal	3590550
CIELab	72.73, -50.12, 14.66
CIELCh	73, 52.224, 163.693
Yxy	44.7596, 0.2568, 0.4118
Android (android.graphics.Color)	4281780630 (0xFF36C996)
YUV	151.2330, -0.6079, -85.2733
Hunter-Lab	66.9026, -42.6061, 14.9082

Details

The YUV color **151.2330, -0.6079, -85.2733** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **103.7670, 0.6079, 85.2733**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1200, -2.5242, -77.2812**, and **96.9880, 0.9919, -85.0585** is the 20% darker color. If you saturate the color by 10%, you get **144.4550, -0.7173, -96.8690**, and if you desaturate by 10%, it is **158.0110, -0.4984, -73.6776**.

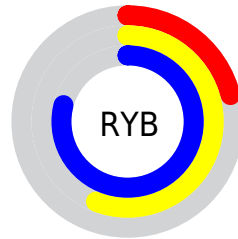
Distribution



Red (21%)

Green (79%)

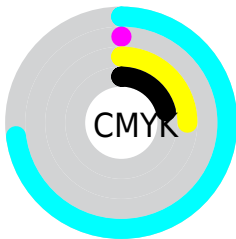
Blue (59%)



Red (21%)

Yellow (56%)

Blue (79%)

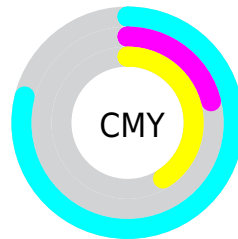


Cyan (73%)

Magenta (0%)

Yellow (25%)

Black (21%)



Cyan (79%)

Magenta (21%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2330, -0.6079, -85.2733 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 151.2330, -0.6079, -85.2733 by changing the saturation by 10% instead.


 151.2330, -0.6079,
-85.2733

 151.2330, -0.6079,
-85.2733


255.0000, 0.0000,
0.0000


 115.6870, 4.0983,
-101.4575


 209.1200, -2.5242,
-77.2812

 96.9880, 0.9919,
-85.0585


 221.2820, 5.2840,
-61.6373


 78.4030, -1.6777,
-68.7594


 232.8740, 10.9081,
-45.4935

 61.1060, -4.4893,
-53.5900

 241.8440, 6.4859,
-27.0502

 44.0370, -6.4272,
-38.6204

 251.1130, 1.9163,
-7.9921

 27.9140, -9.8176,
-24.4806

 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 151.2330, -0.6079,
-85.2733

■ 151.2330, -0.6079,
-85.2733

■ 144.4550, -0.7173,
-96.8690

■ 158.0110, -0.4984,
-73.6776

■ 137.6770, -0.8268,
-108.4647

■ 164.7890, -0.3890,
-62.0820

■ 132.9210, -0.9471,
-116.5717

■ 171.5670, -0.2795,
-50.4863

■ 178.3450, -0.1701,
-38.8906

■ 185.4220, -0.2080,
-26.6801

■ 192.2000, -0.0986,
-15.0844

■ 198.9780, 0.0108,
-3.4887

■ 205.7560, 0.1203,
8.1070

■ 212.5340, 0.2297,
19.7027

Harmonies

Analogous

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



165.5440, -28.8622, -29.4181



151.2330, -0.6079, -85.2733



141.9610, 28.6132, -124.4998

Triad

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



151.2330, -0.6079, -85.2733



173.6440, 40.1085, -31.2598



176.8180, -30.4763, 68.5656

Complementary

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



151.2330, -0.6079, -85.2733



103.7670, 0.6079, 85.2733

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.



175.8500, -8.8000, 69.4146



151.2330, -0.6079, -85.2733



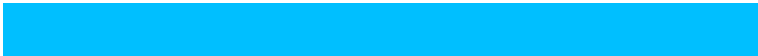
183.2210, 31.9360, 23.4852

Square

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



151.2330, -0.6079, -85.2733



141.1870, 56.1098, -123.8210



182.8980, 11.8823, 62.3565



176.1900, -44.9567, 46.3144

Rectangle

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



151.2330, -0.6079, -85.2733



144.2070, 42.2959, -126.4695



182.8980, 11.8823, 62.3565



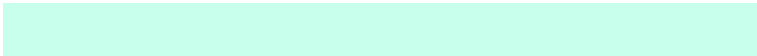
175.9520, -23.6403, 69.3251

Sweetspot

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



151.2330, -0.6079, -85.2733



236.0900, -0.0444, -32.5279



155.5380, -50.0582, -44.3218



116.4660, -0.2297, -19.7027



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.



151.2330, -0.6079, -85.2733



179.1320, -1.0511, -129.9118



144.1330, 28.0354, -79.0466



95.9670, 0.0163, -5.2331



107.8790, -0.4333, -94.6099



23.7540, -0.3717, -20.8323

Inverse Universe

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



103.7670, 0.6079, 85.2733



106.7540, 0.6143, 130.0117



110.8670, -28.0354, 79.0466



93.0330, -0.0163, 5.2331



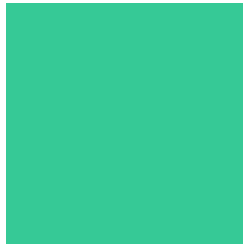
55.2350, 0.8701, 94.5099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 151.2330, -0.6079, -85.2733 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 151.2330, -0.6079, -85.2733 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

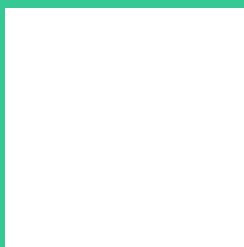
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.2330, -0.6079, -85.2733

Background



This preview shows how black text looks on a background with the YUV color 151.2330, -0.6079, -85.2733.



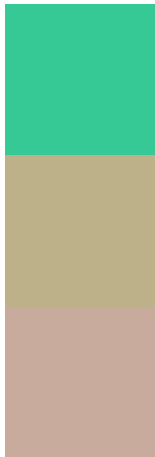
This preview shows how white text looks on a background with the YUV color 151.2330, -0.6079, -85.2733.

-85.2733.

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

151.2330, -0.6079, -85.2733

Protanopia

176.1420, -18.8040, 11.2765

Deuteranopia

178.3740, -10.5374, 19.8430



Tritanopia

161.6350, 23.3509, -69.8399

Trichromacy



Original Color

151.2330, -0.6079, -85.2733



Protanomaly

167.2300, -12.4384, -23.8807



Deuteranomaly

168.6420, -7.2185, -18.1030



Tritanomaly

158.0120, 14.7841, -75.4325

Monochromacy



Original Color

151.2330, -0.6079, -85.2733



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1010, -0.0498, -30.7836

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2330, -0.6079, -85.2733 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(54, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(54, 201, 150)  
}
```

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(54, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 201, 150) }
```

Border

The CSS property to change the border of an element to YUV 151.2330, -0.6079, -85.2733 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(54, 201, 150) }
```


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

```
.border{ border-color:rgb(54, 201, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(54, 201,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 151.2330, -0.6079, -85.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 201, 150) }
```

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

```
.background{ background-color: rgb(54, 201,  
150) }
```

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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