

Converting Colors

YUV(169.0330, 29.5637,
-102.6379)

Have a look what the booklet for
YUV(169.0330, 29.5637, -102.6379)
contains.

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Color

**YUV(169.0330, 29.5637,
-102.6379)**

Conversions

Conversions Part 1

Format	Color
Hex	34D9E5
RGB	52, 217, 229
RGB Percent	20%, 85%, 90%
CMY	0.7961, 0.1490, 0.1020
CMYK	0.77, 0.05, 0.00, 0.10
HSL	184°, 77%, 55%
HSV	184°, 77%, 90%
XYZ	40.3719, 56.0129, 82.8125
YIQ	169.0330, -102.1920, -31.2480

Conversions

Conversions Part 2

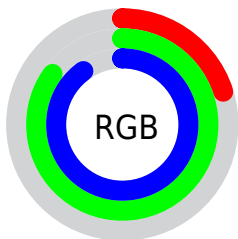
Format	Color
RYB	52, 137, 229
Decimal	3463653
CIELab	79.62, -36.31, -17.70
CIELCh	80, 40.392, 205.985
Yxy	56.0129, 0.2253, 0.3126
Android (android.graphics.Color)	4281653733 (0xFF34D9E5)
YUV	169.0330, 29.5637, -102.6379
Hunter-Lab	74.8418, -34.6849, -13.2152

Details

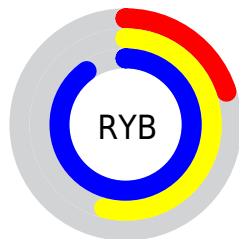
The YUV color **169.0330, 29.5637, -102.6379** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **111.9670, -29.5637, 102.6379**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **114.9300, 29.1215, -100.7936** is the 20% darker color. If you saturate the color by 10%, you get **160.9820, 33.5329, -115.7482**, and if you desaturate by 10%, it is **177.0840, 25.5946, -89.5277**.

Distribution



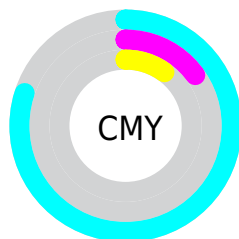
- Red (20%)
- Green (85%)
- Blue (90%)



- Red (20%)
- Yellow (54%)
- Blue (90%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (80%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0330, 29.5637, -102.6379 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 169.0330, 29.5637, -102.6379 by changing the saturation by 10% instead.

169.0330, 29.5637,
-102.6379

169.0330, 29.5637,
-102.6379

255.0000, 0.0000,
0.0000

133.8570, 33.1015,
-117.3926

217.0270, 18.7207,
-78.0767

114.9300, 29.1215,
-100.7936

226.5950, 14.0037,
-58.4038

96.0030, 25.1415,
-84.1946

236.1630, 9.2866,
-38.7310

77.7770, 21.3089,
-68.2104

245.4320, 4.7170,
-19.6729

60.2520, 17.6238,
-52.8410

254.7010, 0.1474,
-0.6148

43.5420, 14.5228,
-38.1863

28.5930, 10.5537,

-25.0761

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 169.0330, 29.5637,
-102.6379

■ 169.0330, 29.5637,
-102.6379

■ 160.9820, 33.5329,
-115.7482

■ 177.0840, 25.5946,
-89.5277

■ 153.5180, 37.2126,
-129.3733

■ 184.5480, 21.9148,
-75.9026

■ 151.1370, 38.3865,
-132.5471

■ 192.5990, 17.9457,
-62.7923

■ 200.0630, 14.2659,
-49.1673

■ 208.1140, 10.2968,
-36.0570

■ 215.2790, 6.7645,
-23.0467

■ 223.3300, 2.7953,
-9.9364

■ 230.7940, -0.8844,
3.6887

■ 237.9480, -4.4114,
14.9546

Harmonies

Analogous

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



177.8570, 6.4795, -71.7886



169.0330, 29.5637, -102.6379



175.3410, 39.2719, -89.7531

Triad

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



169.0330, 29.5637, -102.6379



202.4320, 18.5210, 32.9471



195.0720, -36.0245, 28.0009

Complementary

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



169.0330, 29.5637, -102.6379



111.9670, -29.5637, 102.6379

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.



197.4090, -30.2746, 50.5073



169.0330, 29.5637, -102.6379



198.7040, 2.6109, 49.3716

Square

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



169.0330, 29.5637, -102.6379



198.3180, 27.9442, -2.9099



194.9590, -14.2768, 52.6560



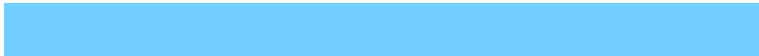
191.4380, -31.2749, -2.1381

Rectangle

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



169.0330, 29.5637, -102.6379



184.0780, 34.9645, -61.4584



194.9590, -14.2768, 52.6560



196.2410, -35.6148, 36.6226

Sweetspot

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



169.0330, 29.5637, -102.6379



235.0110, 9.8546, -34.2126



157.2670, -45.9806, -92.3192



115.4750, 6.1748, -20.5876



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.



169.0330, 29.5637, -102.6379



174.7450, 39.5657, -137.4654



117.3770, 55.0301, -57.3356



110.8250, 2.0583, -6.8625



117.8480, 30.1479, -103.3527



33.9900, 8.3859, -29.8092

Inverse Universe

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



123.7330, 45.9806, 92.3192



114.0570, 61.5969, 123.6070



163.6230, -55.0301, 57.3356



107.8420, 3.0359, 6.2776



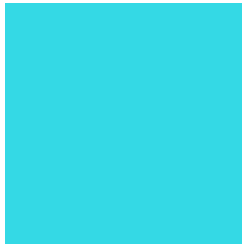
72.4450, 46.1226, 93.4487



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 169.0330, 29.5637, -102.6379 looks on a white background.

Color Contrast Check

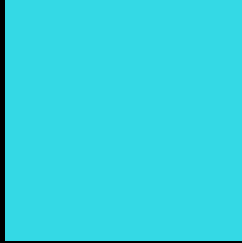
Large Text (above 18pt) WCAG AA × Fail

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 169.0330, 29.5637, -102.6379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

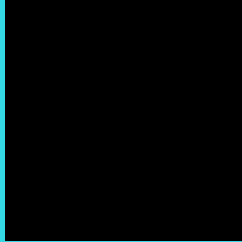
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

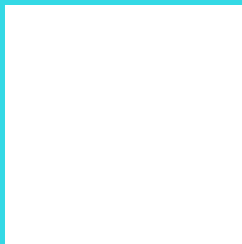
Any Text WCAG AAA ✓ Pass

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

YUV 169.0330, 29.5637, -102.6379 Background



This preview shows how black text looks on a background with the YUV color 169.0330, 29.5637, -102.6379.

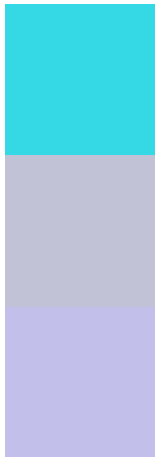


This preview shows how white text looks on a background with the YUV color 169.0330, 29.5637, -102.6379.

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

169.0330, 29.5637, -102.6379

Protanopia

196.2800, 8.7360, -1.9996

Deuteranopia

197.2120, 18.6295, -1.9399



Tritanopia

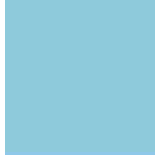
170.2120, 31.4475, -100.1639

Trichromacy



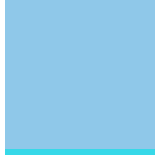
Original Color

169.0330, 29.5637, -102.6379



Protanomaly

185.9980, 16.2700, -38.5862



Deuteranomaly

186.7190, 22.8165, -38.3416



Tritanomaly

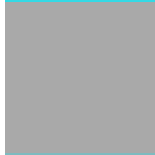
169.6850, 30.7213, -100.5787

Monochromacy



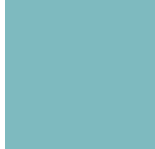
Original Color

169.0330, 29.5637, -102.6379



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6300, 11.0284, -37.3865

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0330, 29.5637, -102.6379 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(52, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(52, 217, 229)  
}
```

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(52, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 217, 229) }
```

Border

The CSS property to change the border of an element to YUV 169.0330, 29.5637, -102.6379 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(52, 217, 229) }
```


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

```
.border{ border-color:rgb(52, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(52, 217,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 169.0330, 29.5637, -102.6379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 217, 229) }
```

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

```
.background{ background-color: rgb(52, 217,  
229) }
```

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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