

Converting Colors

YUV(137.3100, 9.2142,
-109.0199)

Have a look what the booklet for
YUV(137.3100, 9.2142, -109.0199)
contains.

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Color

**YUV(137.3100, 9.2142,
-109.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	0DC59C
RGB	13, 197, 156
RGB Percent	5%, 77%, 61%
CMY	0.9490, 0.2275, 0.3882
CMYK	0.93, 0.00, 0.21, 0.23
HSL	167°, 88%, 41%
HSV	167°, 93%, 77%
XYZ	26.1330, 42.4184, 38.2627
YIQ	137.3100, -96.5030, -51.7590

Conversions

Conversions Part 2

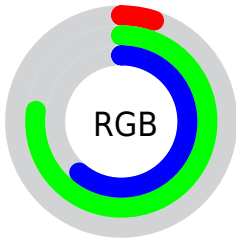
Format	Color
RYB	13, 117, 197
Decimal	902556
CIELab	71.16, -50.56, 9.14
CIELCh	71, 51.375, 169.754
Yxy	42.4184, 0.2447, 0.3971
Android (android.graphics.Color)	4279092636 (0xFF0DC59C)
YUV	137.3100, 9.2142, -109.0199
Hunter-Lab	65.1294, -42.3538, 10.7584

Details

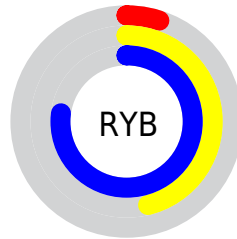
The YUV color **137.3100, 9.2142, -109.0199** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **72.6900, -9.2142, 109.0199**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4220, 2.7500, -88.9471**, and **95.3240, 4.7703, -83.5991** is the 20% darker color. If you saturate the color by 10%, you get **133.0810, 9.8201, -116.7120**, and if you desaturate by 10%, it is **143.7460, 8.0132, -97.1242**.

Distribution



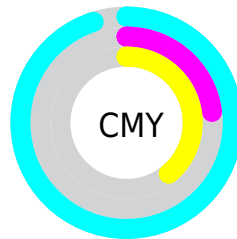
- Red (5%)
- Green (77%)
- Blue (61%)



- Red (5%)
- Yellow (46%)
- Blue (77%)



- Cyan (93%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (95%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3100, 9.2142, -109.0199 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 137.3100, 9.2142, -109.0199 by changing the saturation by 10% instead.

■ 137.3100, 9.2142,
-109.0199

■ 137.3100, 9.2142,
-109.0199

■ 255.0000, 0.0000,
0.0000

■ 114.0230, 7.8767,
-99.9982

■ 204.4220, 2.7500,
-88.9471

■ 95.3240, 4.7703,
-83.5991

■ 217.2960, 10.7001,
-72.1736

■ 77.3260, 1.8113,
-67.8149

■ 228.3890, 13.1192,
-54.7152

■ 59.4420, -0.7109,
-52.1306

■ 237.6580, 8.5496,
-35.6571

■ 42.2590, -3.0857,
-37.0611

■ 246.6280, 4.1274,
-17.2138

■ 26.9510, -5.8918,
-23.6360

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 137.3100, 9.2142,
-109.0199

■ 137.3100, 9.2142,
-109.0199

■ 133.0810, 9.8201,
-116.7120

■ 143.7460, 8.0132,
-97.1242

■ 149.9970, 7.3965,
-85.9434

■ 156.4330, 6.1955,
-74.0477

■ 162.9830, 5.4314,
-62.2521

■ 169.4190, 4.2304,
-50.3565

■ 175.5560, 3.1769,
-39.0756

■ 182.1060, 2.4127,
-27.2800

■ 188.5420, 1.2118,
-15.3843

■ 194.7930, 0.5951,
-4.2035

Harmonies

Analogous

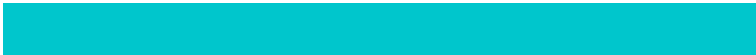
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.4550, -23.8883, -38.1100



137.3100, 9.2142, -109.0199



139.4820, 31.8074, -122.3257

Triad

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



137.3100, 9.2142, -109.0199



173.1340, 40.3599, -18.5345



173.4710, -34.2492, 65.3619

Complementary

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



137.3100, 9.2142, -109.0199



72.6900, -9.2142, 109.0199

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.



172.6070, -13.6103, 72.2587



137.3100, 9.2142, -109.0199



179.4240, 27.3990, 32.0772

Square

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



137.3100, 9.2142, -109.0199



145.4500, 54.0082, -103.0036



177.3670, 7.2141, 66.3301



171.1460, -44.9350, 39.3370

Rectangle

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



137.3100, 9.2142, -109.0199



141.6140, 45.0533, -124.1955



177.3670, 7.2141, 66.3301



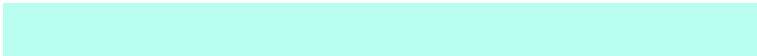
174.1110, -28.1557, 70.9397

Sweetspot

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



137.3100, 9.2142, -109.0199



231.9470, 3.4771, -42.0495



133.8650, -59.5864, -68.2876



113.7040, 2.1179, -26.0504



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.



137.3100, 9.2142, -109.0199



172.2570, 12.6913, -151.0694



113.2210, 41.3030, -87.8938



96.0810, 0.4531, -5.3330



110.1590, 8.3026, -96.6094



24.3240, 1.8123, -21.3321

Inverse Universe

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



72.6900, -9.2142, 109.0199



82.7430, -12.6913, 151.0694



96.7790, -41.3030, 87.8938



92.9190, -0.4531, 5.3330



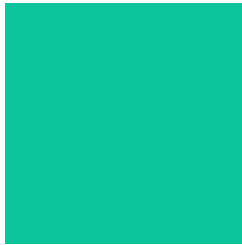
52.8410, -8.3026, 96.6094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 137.3100, 9.2142, -109.0199 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 137.3100, 9.2142, -109.0199 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

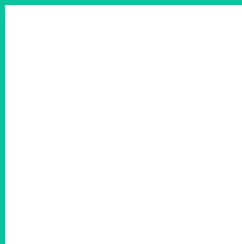
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3100, 9.2142, -109.0199

Background



This preview shows how black text looks on a background with the YUV color 137.3100, 9.2142, -109.0199.

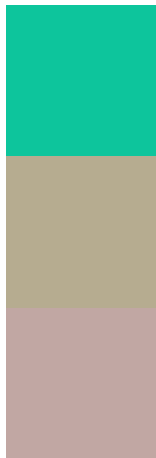


This preview shows how white text looks on a background with the YUV color 137.3100, 9.2142, -109.0199.

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

137.3100, 9.2142, -109.0199

Protanopia

171.7980, -13.7044, 8.9472

Deuteranopia

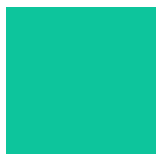
174.3180, -5.5798, 16.3841



Tritanopia

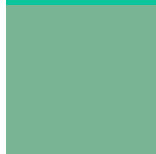
153.2530, 26.0043, -80.9059

Trichromacy



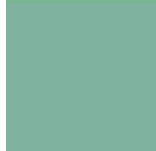
Original Color

137.3100, 9.2142, -109.0199



Protanomaly

159.2980, -5.5699, -33.5873



Deuteranomaly

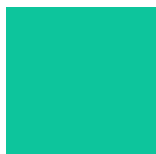
160.9980, -0.4920, -28.9392



Tritanomaly

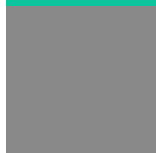
147.8790, 19.7797, -91.1019

Monochromacy



Original Color

137.3100, 9.2142, -109.0199



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.2570, 3.3243, -39.6904

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3100, 9.2142, -109.0199 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(13, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(13, 197, 156)  
}
```

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(13, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 197, 156) }
```

Border

The CSS property to change the border of an element to YUV 137.3100, 9.2142, -109.0199 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(13, 197, 156) }
```


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

```
.border{ border-color:rgb(13, 197, 156) }
```

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

Here you see how a box with a 4 pixel rgb(13, 197, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(13, 197,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 137.3100, 9.2142, -109.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 197, 156) }
```

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

```
.background{ background-color: rgb(13, 197,  
156) }
```

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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