

Converting Colors

YUV(150.1670, 19.6377,
-92.2315)

Have a look what the booklet for
YUV(150.1670, 19.6377, -92.2315)
contains.

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Color

**YUV(150.1670, 19.6377,
-92.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	2DC4BE
RGB	45, 196, 190
RGB Percent	18%, 77%, 75%
CMY	0.8235, 0.2314, 0.2549
CMYK	0.77, 0.00, 0.03, 0.23
HSL	178°, 63%, 47%
HSV	178°, 77%, 77%
XYZ	30.1164, 43.7554, 55.5735
YIQ	150.1670, -88.0700, -33.8780

Conversions

Conversions Part 2

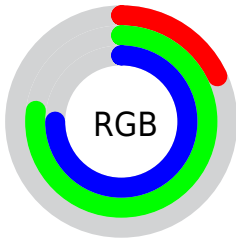
Format	Color
RYB	45, 122, 196
Decimal	2999486
CIELab	72.06, -38.72, -8.00
CIELCh	72, 39.535, 191.670
Yxy	43.7554, 0.2327, 0.3380
Android (android.graphics.Color)	4281189566 (0xFF2DC4BE)
YUV	150.1670, 19.6377, -92.2315
Hunter-Lab	66.1479, -34.4898, -3.5084

Details

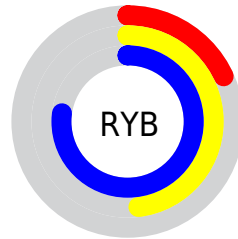
The YUV color **150.1670, 19.6377, -92.2315** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **90.8330, -19.6377, 92.2315**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5380, 16.9898, -82.9098**, and **98.3850, 19.0372, -86.2836** is the 20% darker color. If you saturate the color by 10%, you get **144.0730, 22.1490, -104.4270**, and if you desaturate by 10%, it is **156.2610, 17.1263, -80.0359**.

Distribution



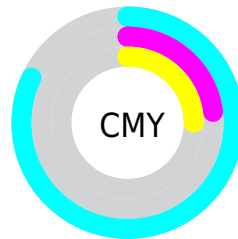
- Red (18%)
- Green (77%)
- Blue (75%)



- Red (18%)
- Yellow (48%)
- Blue (77%)



- Cyan (77%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (82%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1670, 19.6377, -92.2315 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 150.1670, 19.6377, -92.2315 by changing the saturation by 10% instead.

■ 150.1670, 19.6377,
-92.2315

■ 150.1670, 19.6377,
-92.2315

■ 255.0000, 0.0000,
0.0000

■ 117.1980, 22.5804,
-102.7826

■ 211.5380, 16.9898,
-82.9098

■ 98.3850, 19.0372,
-86.2836

■ 223.0070, 15.7725,
-65.7811

■ 80.1590, 15.2046,
-70.2994

■ 232.2760, 11.2029,
-46.7231

■ 62.7480, 11.9562,
-55.0300

■ 241.5450, 6.6333,
-27.6650

■ 46.0380, 8.8553,
-40.3753

■ 250.5150, 2.2111,
-9.2217

■ 30.0290, 5.9017,
-26.3354

■ 11.3130, 5.2687,

-9.9215

■ 0.0000, 0.0000,
0.0000

■ 150.1670, 19.6377,
-92.2315

■ 150.1670, 19.6377,
-92.2315

■ 144.0730, 22.1490,
-104.4270

■ 156.2610, 17.1263,
-80.0359

■ 138.2780, 24.5129,
-116.0078

■ 162.0560, 14.7624,
-68.4551

■ 136.4840, 25.3974,
-119.6965

■ 168.0360, 11.8143,
-56.1596

■ 173.8310, 9.4503,
-44.5788

■ 179.9250, 6.9390,
-32.3832

■ 186.0190, 4.4276,
-20.1877

■ 191.7000, 1.6269,
-8.5069

■ 197.7940, -0.8844,
3.6887

■ 203.5890, -3.2484,
15.2694

Harmonies

Analogous

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



161.5190, -4.1999, -53.0752



150.1670, 19.6377, -92.2315



140.3110, 41.2587, -120.4217

Triad

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



150.1670, 19.6377, -92.2315



180.9290, 24.6850, 15.8483



175.8220, -33.4362, 37.8671

Complementary

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



150.1670, 19.6377, -92.2315



90.8330, -19.6377, 92.2315

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.



177.8640, -23.5970, 55.3703



150.1670, 19.6377, -92.2315



181.1040, 9.3157, 45.5128

Square

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



150.1670, 19.6377, -92.2315



174.8360, 35.5769, -24.4122



179.4250, -7.6045, 59.2633



172.6570, -33.3549, 11.7018

Rectangle

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



150.1670, 19.6377, -92.2315



155.8300, 41.0028, -84.9199



179.4250, -7.6045, 59.2633



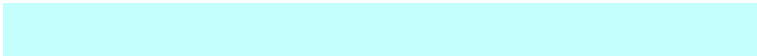
176.8490, -30.9846, 44.8594

Sweetspot

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



150.1670, 19.6377, -92.2315



237.1310, 7.8234, -36.0719



136.0290, -44.8773, -72.8164



117.0080, 4.4331, -21.9320



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.



150.1670, 19.6377, -92.2315



183.7090, 30.7095, -143.5728



110.9350, 41.9370, -57.8250



94.0100, 1.4741, -6.1478



112.0630, 20.6749, -98.2793



23.0190, 4.4276, -20.1877

Inverse Universe

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



90.8330, -19.6377, 92.2315



91.4050, -30.2727, 143.4728



130.0650, -41.9370, 57.8250



90.1040, -1.0373, 6.0478



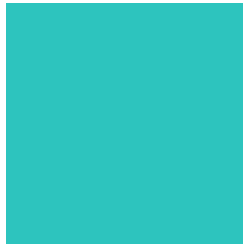
48.8230, -21.1117, 98.3792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 150.1670, 19.6377, -92.2315 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 150.1670, 19.6377, -92.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

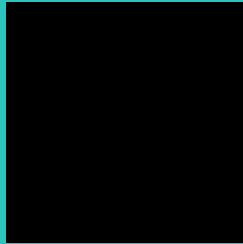
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

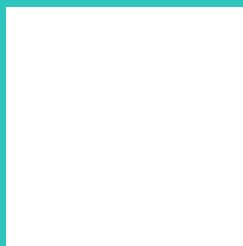
Any Text WCAG AAA ✓ Pass

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

YUV 150.1670, 19.6377, -92.2315 Background



This preview shows how black text looks on a background with the YUV color 150.1670, 19.6377, -92.2315.

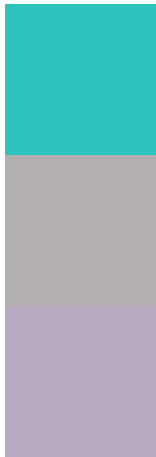


This preview shows how white text looks on a background with the YUV color 150.1670, 19.6377, -92.2315.

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

150.1670, 19.6377, -92.2315

Protanopia

175.5380, 0.7208, 2.1592

Deuteranopia

177.4380, 9.1511, 4.8779



Tritanopia

154.7580, 26.7413, -83.9798

Trichromacy



Original Color

150.1670, 19.6377, -92.2315



Protanomaly

166.4520, 7.6652, -31.9684



Deuteranomaly

167.5430, 13.0433, -30.2942



Tritanomaly

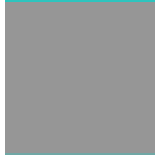
153.0520, 24.1314, -86.8686

Monochromacy



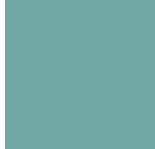
Original Color

150.1670, 19.6377, -92.2315



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.3270, 7.2338, -33.6128

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1670, 19.6377, -92.2315 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(45, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(45, 196, 190)  
}
```

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(45, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 196, 190) }
```

Border

The CSS property to change the border of an element to YUV 150.1670, 19.6377, -92.2315 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(45, 196, 190) }
```


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

```
.border{ border-color:rgb(45, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(45, 196,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 150.1670, 19.6377, -92.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 196, 190) }
```

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

```
.background{ background-color: rgb(45, 196,  
190) }
```

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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