

Converting Colors

YUV(148.2430, 0.8662,
-91.4211)

Have a look what the booklet for
YUV(148.2430, 0.8662, -91.4211)
contains.

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Color

**YUV(148.2430, 0.8662,
-91.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	2CC996
RGB	44, 201, 150
RGB Percent	17%, 79%, 59%
CMY	0.8275, 0.2118, 0.4118
CMYK	0.78, 0.00, 0.25, 0.21
HSL	161°, 64%, 48%
HSV	161°, 78%, 79%
XYZ	27.4304, 44.5108, 35.9999
YIQ	148.2430, -77.2010, -49.1450

Conversions

Conversions Part 2

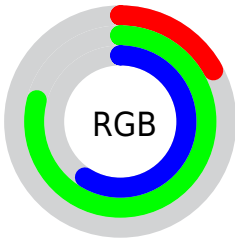
Format	Color
RYB	44, 138, 201
Decimal	2935190
CIELab	72.57, -51.34, 14.41
CIELCh	73, 53.324, 164.324
Yxy	44.5108, 0.2541, 0.4124
Android (android.graphics.Color)	4281125270 (0xFF2CC996)
YUV	148.2430, 0.8662, -91.4211
Hunter-Lab	66.7164, -43.3636, 14.7089

Details

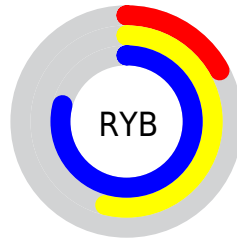
The YUV color **148.2430, 0.8662, -91.4211** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **96.7570, -0.8662, 91.4211**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3260, -1.6397, -80.9699**, and **96.9880, 0.9919, -85.0585** is the 20% darker color. If you saturate the color by 10%, you get **141.4650, 0.7568, -103.0168**, and if you desaturate by 10%, it is **155.0210, 0.9756, -79.8254**.

Distribution



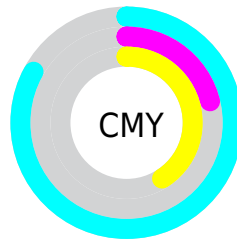
- Red (17%)
- Green (79%)
- Blue (59%)



- Red (17%)
- Yellow (54%)
- Blue (79%)



- Cyan (78%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (83%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2430, 0.8662, -91.4211 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 148.2430, 0.8662, -91.4211 by changing the saturation by 10% instead.

■ 148.2430, 0.8662,
-91.4211

■ 148.2430, 0.8662,
-91.4211

■ 255.0000, 0.0000,
0.0000

■ 115.6870, 4.0983,
-101.4575

■ 207.3260, -1.6397,
-80.9699

■ 96.9880, 0.9919,
-85.0585

■ 219.7870, 6.0210,
-64.7112

■ 78.4030, -1.6777,
-68.7594

■ 231.3790, 11.6452,
-48.5674

■ 60.5190, -4.1999,
-53.0752

■ 240.6480, 7.0755,
-29.5093

■ 43.4500, -6.1378,
-38.1056

■ 249.6180, 2.6533,
-11.0660

■ 27.9140, -9.8176,
-24.4806

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 148.2430, 0.8662,
-91.4211

■ 148.2430, 0.8662,
-91.4211

■ 141.4650, 0.7568,
-103.0168

■ 155.0210, 0.9756,
-79.8254

■ 134.8010, 1.0841,
-114.7125

■ 161.6850, 0.6483,
-68.1297

■ 133.4910, 1.2369,
-117.0716

■ 168.4630, 0.7577,
-56.5341

■ 175.1270, 0.4304,
-44.8384

■ 182.2040, 0.3924,
-32.6279

■ 188.8680, 0.0651,
-20.9322

■ 195.6460, 0.1745,
-9.3365

■ 202.3100, -0.1528,
2.3591

■ 209.0880, -0.0434,
13.9548

Harmonies

Analogous

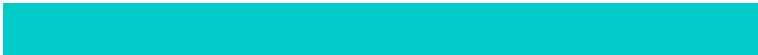
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.5330, -28.8568, -31.1624



148.2430, 0.8662, -91.4211



142.0750, 29.0500, -124.5998

Triad

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



148.2430, 0.8662, -91.4211



173.0570, 40.3979, -30.7450



175.8890, -31.4973, 69.3803

Complementary

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



148.2430, 0.8662, -91.4211



96.7570, -0.8662, 91.4211

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.



174.4480, -9.0949, 70.6441



148.2430, 0.8662, -91.4211



183.2320, 31.9306, 25.2295

Square

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



148.2430, 0.8662, -91.4211



140.6000, 56.3992, -123.3062



181.9090, 11.8769, 64.1008



174.9620, -45.8303, 46.5143

Rectangle

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



148.2430, 0.8662, -91.4211



144.4350, 43.1695, -126.6695



181.9090, 11.8769, 64.1008



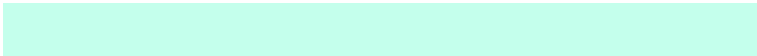
174.5500, -23.9351, 70.5547

Sweetspot

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



148.2430, 0.8662, -91.4211



235.1930, 0.3979, -34.3723



151.7070, -53.0996, -48.8550



115.8680, 0.0651, -20.9322



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.



148.2430, 0.8662, -91.4211



174.3480, 1.3074, -139.7482



138.7950, 30.6671, -83.1352



95.9670, 0.0163, -5.2331



108.2210, 0.8770, -94.9098



23.8680, 0.0651, -20.9322

Inverse Universe

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



96.7570, -0.8662, 91.4211



95.6520, -1.3074, 139.7482



106.2050, -30.6671, 83.1352



93.0330, -0.0163, 5.2331



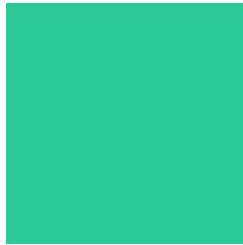
54.7790, -0.8770, 94.9098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 148.2430, 0.8662, -91.4211 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 148.2430, 0.8662, -91.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

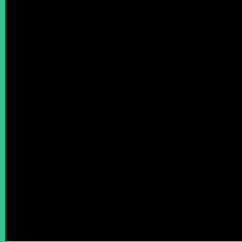
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

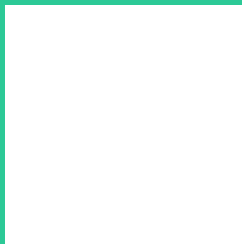
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.2430, 0.8662, -91.4211

Background



This preview shows how black text looks on a background with the YUV color 148.2430, 0.8662, -91.4211.



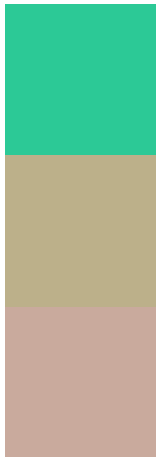
This preview shows how white text looks on a background with the YUV color 148.2430, 0.8662,

-91.4211.

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

148.2430, 0.8662, -91.4211

Protanopia

175.2560, -18.3672, 11.1765

Deuteranopia

177.7870, -10.2480, 20.3578



Tritanopia

159.8410, 24.2354, -73.5286

Trichromacy



Original Color

148.2430, 0.8662, -91.4211



Protanomaly

165.4470, -11.5594, -25.8250



Deuteranomaly

166.8590, -6.3395, -20.0473



Tritanomaly

155.6200, 15.9633, -80.3507

Monochromacy



Original Color

148.2430, 0.8662, -91.4211



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.9050, 0.5398, -33.2427

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2430, 0.8662, -91.4211 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(44, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(44, 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(44, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 201, 150) }
```

Border

The CSS property to change the border of an element to YUV 148.2430, 0.8662, -91.4211 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(44, 201, 150) }
```


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

```
.border{ border-color:rgb(44, 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(44, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(44, 201,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 148.2430, 0.8662, -91.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 201, 150) }
```

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

```
.background{ background-color: rgb(44, 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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