

Converting Colors

YUV(143.6990, 2.6134,
-91.8210)

Have a look what the booklet for
YUV(143.6990, 2.6134, -91.8210)
contains.

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Color

**YUV(143.6990, 2.6134,
-91.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	27C495
RGB	39, 196, 149
RGB Percent	15%, 77%, 58%
CMY	0.8471, 0.2314, 0.4157
CMYK	0.80, 0.00, 0.24, 0.23
HSL	162°, 67%, 46%
HSV	162°, 80%, 77%
XYZ	26.0014, 42.0811, 35.1858
YIQ	143.6990, -78.4850, -47.9010

Conversions

Conversions Part 2

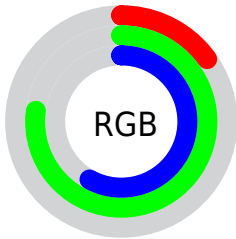
Format	Color
RYB	39, 131, 196
Decimal	2606229
CIELab	70.93, -50.10, 12.63
CIElCh	71, 51.670, 165.854
Yxy	42.0811, 0.2518, 0.4075
Android (android.graphics.Color)	4280796309 (0xFF27C495)
YUV	143.6990, 2.6134, -91.8210
Hunter-Lab	64.8700, -41.9753, 13.2498

Details

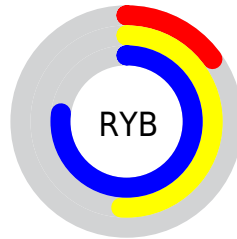
The YUV color **143.6990, 2.6134, -91.8210** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **91.3010, -2.6134, 91.8210**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4290, -1.1975, -82.8142**, and **93.9390, 2.0021, -82.3845** is the 20% darker color. If you saturate the color by 10%, you get **137.0350, 2.9407, -103.5167**, and if you desaturate by 10%, it is **150.3630, 2.2860, -80.1254**.

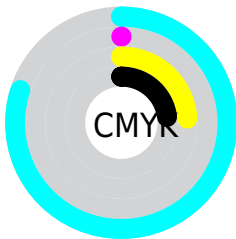
Distribution



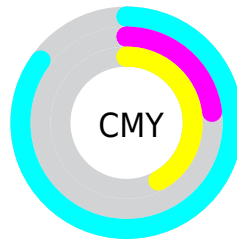
- Red (15%)
- Green (77%)
- Blue (58%)



- Red (15%)
- Yellow (51%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.6990, 2.6134, -91.8210 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 143.6990, 2.6134, -91.8210 by changing the saturation by 10% instead.

 143.6990, 2.6134,
-91.8210

 143.6990, 2.6134,
-91.8210


255.0000, 0.0000,
0.0000


 112.6380, 5.1085,
-98.7835


 205.4290, -1.1975,
-82.8142

 93.9390, 2.0021,
-82.3845


 218.4770, 6.1738,
-67.0703


 75.9410, -0.9569,
-66.6003


 230.4820, 12.0874,
-50.4117

 58.1710, -3.0423,
-51.0160

 239.4520, 7.6652,
-31.9684

 40.9880, -5.4171,
-35.9465

 248.4220, 3.2430,
-13.5251

 25.4520, -9.0968,
-22.3214

 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 143.6990, 2.6134,
-91.8210

■ 143.6990, 2.6134,
-91.8210

■ 137.0350, 2.9407,
-103.5167

■ 150.3630, 2.2860,
-80.1254

■ 130.6700, 3.1207,
-114.5976

■ 156.7280, 2.1061,
-69.0445

■ 163.3920, 1.7787,
-57.3488

■ 169.6430, 1.1620,
-46.1679

■ 176.3070, 0.8346,
-34.4722

■ 182.9710, 0.5073,
-22.7766

■ 189.3360, 0.3274,
-11.6957

■ 196.0000, 0.0000,
0.0000

■ 202.3650, -0.1799,
11.0809

Harmonies

Analogous

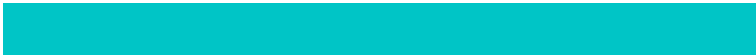
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.6900, -26.9622, -32.1771



143.6990, 2.6134, -91.8210



138.2110, 29.4760, -121.2110

Triad

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



143.6990, 2.6134, -91.8210



170.7200, 41.5500, -26.9414



173.0630, -32.0761, 68.3507

Complementary

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



143.6990, 2.6134, -91.8210



91.3010, -2.6134, 91.8210

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.



172.5900, -11.1369, 72.2736



143.6990, 2.6134, -91.8210



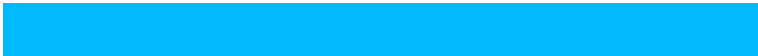
178.4880, 30.3254, 26.7590

Square

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



143.6990, 2.6134, -91.8210



137.6650, 57.8462, -120.7322



177.4420, 10.1351, 62.7564



170.6950, -44.2196, 43.2405

Rectangle

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



143.6990, 2.6134, -91.8210



140.9300, 42.4325, -123.5956



177.4420, 10.1351, 62.7564



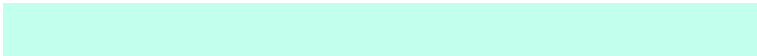
172.8060, -25.5404, 72.0841

Sweetspot

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



143.6990, 2.6134, -91.8210



234.7090, 1.1295, -35.7018



145.2120, -52.3625, -51.9289



115.5690, 0.2125, -21.5470



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.



143.6990, 2.6134, -91.8210



173.4230, 4.2285, -143.3220



130.8600, 32.1140, -80.5612



93.6680, 0.1637, -5.8478



107.3890, 2.7662, -94.1802



21.9930, 0.4965, -19.2879

Inverse Universe

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



91.3010, -2.6134, 91.8210



91.5770, -4.2285, 143.3220



104.1400, -32.1140, 80.5612



90.3320, -0.1637, 5.8478



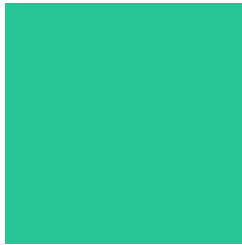
53.6110, -2.7662, 94.1802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 143.6990, 2.6134, -91.8210 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 143.6990, 2.6134, -91.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

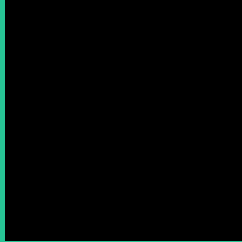
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

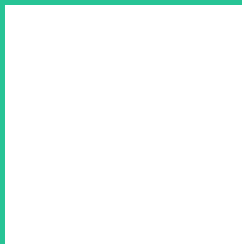
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.6990, 2.6134, -91.8210

Background



This preview shows how black text looks on a background with the YUV color 143.6990, 2.6134, -91.8210.



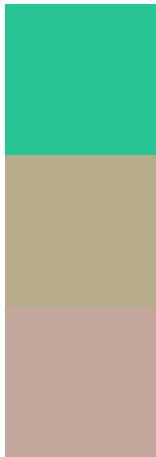
This preview shows how white text looks on a background with the YUV color 143.6990, 2.6134,

-91.8210.

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

143.6990, 2.6134, -91.8210

Protanopia

171.2990, -16.9094, 10.2618

Deuteranopia

173.5310, -8.6428, 18.8283



Tritanopia

155.4280, 23.9460, -74.0434

Trichromacy



Original Color

143.6990, 2.6134, -91.8210



Protanomaly

161.4900, -10.1016, -26.7397



Deuteranomaly

162.6030, -4.7343, -21.5768



Tritanomaly

151.3210, 16.1107, -80.9655

Monochromacy



Original Color

143.6990, 2.6134, -91.8210



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.0190, 0.9766, -33.3427

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.6990, 2.6134, -91.8210 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(39, 196, 149)` looks like.

```
.text, #text, p{  
    color:rgb(39, 196, 149)  
}
```

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(39, 196, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 196, 149) }
```

Border

The CSS property to change the border of an element to YUV 143.6990, 2.6134, -91.8210 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(39, 196, 149) }
```


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

```
.border{ border-color:rgb(39, 196, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 196, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 196, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 196, 149);  
box-shadow:4px 4px 4px 4px rgb(39, 196,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 143.6990, 2.6134, -91.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 196, 149) }
```

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

```
.background{ background-color: rgb(39, 196,  
149) }
```

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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