

Converting Colors

YUV(153.1290, -19.7836,
-94.8291)

Have a look what the booklet for
YUV(153.1290, -19.7836, -94.8291)
contains.

YUV(153.1290, -19.7836, -94.8291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(153.1290, -19.7836,
-94.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	2DD871
RGB	45, 216, 113
RGB Percent	18%, 85%, 44%
CMY	0.8235, 0.1529, 0.5569
CMYK	0.79, 0.00, 0.48, 0.15
HSL	144°, 69%, 51%
HSV	144°, 79%, 85%
XYZ	28.6187, 50.8619, 23.9317
YIQ	153.1290, -68.8530, -68.2850

Conversions

Conversions Part 2

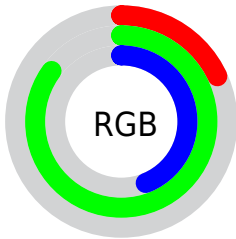
Format	Color
RYB	45, 167, 216
Decimal	3004529
CIELab	76.60, -63.99, 38.95
CIELCh	77, 74.913, 148.673
Yxy	50.8619, 0.2767, 0.4918
Android (android.graphics.Color)	4281194609 (0xFF2DD871)
YUV	153.1290, -19.7836, -94.8291
Hunter-Lab	71.3175, -53.1762, 30.0265

Details

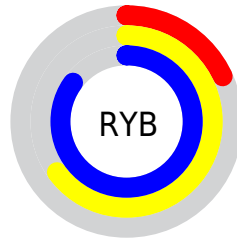
The YUV color **153.1290, -19.7836, -94.8291** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **107.8710, 19.7836, 94.8291**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1900, -18.8277, -74.7116**, and **100.9880, -19.2211, -88.5665** is the 20% darker color. If you saturate the color by 10%, you get **145.0690, -22.2190, -107.0545**, and if you desaturate by 10%, it is **161.1890, -17.3482, -82.6038**.

Distribution



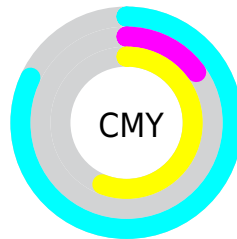
- Red (18%)
- Green (85%)
- Blue (44%)



- Red (18%)
- Yellow (65%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1290, -19.7836, -94.8291 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 153.1290, -19.7836, -94.8291 by changing the saturation by 10% instead.

■ 153.1290,
-19.7836, -94.8291

■ 153.1290,
-19.7836, -94.8291

■ 255.0000, 0.0000,
0.0000

■ 120.2740,
-16.4041, -105.4803

■ 204.1900,
-18.8277, -74.7116

■ 100.9880,
-19.2211, -88.5665

■ 216.6510,
-11.1669, -58.4529

■ 81.7020, -22.0381,
-71.6527

■ 229.1120, -3.5062,
-42.1942

■ 63.2480, -26.7443,
-55.4685

■ 241.6870, 4.5913,
-26.0355

■ 46.9600, -23.1513,
-41.1839

■ 251.4120, 1.7689,
-7.3773

■ 32.8720, -16.2059,
-28.8287

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 153.1290,
-19.7836, -94.8291

■ 153.1290,
-19.7836, -94.8291

■ 145.0690,
-22.2190, -107.0545

■ 161.1890,
-17.3482, -82.6038

■ 137.3080,
-24.8018, -118.6651

■ 168.9500,
-14.7653, -70.9931

■ 136.5960,
-24.9438, -119.7947


■ 177.0100,
-12.3299, -58.7678


■ 184.7710, -9.7471,
-47.1572

■ 192.8310, -7.3117,
-34.9318

 200.8910, -4.8763,
-22.7064

 208.6520, -2.2934,
-11.0958

 216.7120, 0.1420,
1.1296

 224.4730, 2.7248,
12.7402

Harmonies

Analogous

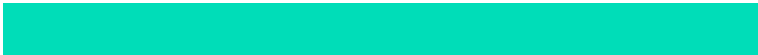
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.0320, -59.1758, -13.1831



153.1290, -19.7836, -94.8291



150.7030, 16.4154, -132.1665

Triad

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



153.1290, -19.7836, -94.8291



145.2960, 54.0841, -127.4246



167.0330, -19.7363, 77.1471

Complementary

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



153.1290, -19.7836, -94.8291



107.8710, 19.7836, 94.8291

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.



170.0890, 12.2811, 74.4669



153.1290, -19.7836, -94.8291



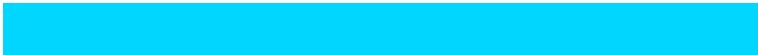
184.4520, 34.7802, -2.1504

Square

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



153.1290, -19.7836, -94.8291



154.6880, 49.4538, -135.6614



188.0820, 32.9906, 58.6871



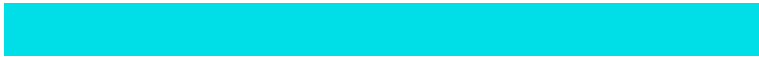
176.7430, -53.6103, 68.6314

Rectangle

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



153.1290, -19.7836, -94.8291



156.6480, 36.6555, -137.3803



188.0820, 32.9906, 58.6871



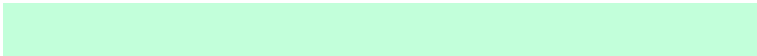
166.0190, -8.3904, 78.0363

Sweetspot

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



153.1290, -19.7836, -94.8291



232.5430, -7.1697, -33.8022



176.7720, -64.9636, -23.4790



114.3150, -4.5923, -20.4473



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.



153.1290, -19.7836, -94.8291



165.9980, -28.1000, -134.1792



162.5910, 16.4706, -103.1273



103.0270, -0.9993, -6.1627



108.1290, -19.7836, -94.8291



27.1790, -5.0182, -23.8360

Inverse Universe

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



107.8710, 19.7836, 94.8291



102.0020, 28.1000, 134.1792



98.4090, -16.4706, 103.1273



100.0870, 1.4361, 6.0627



62.8710, 19.7836, 94.8291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 153.1290, -19.7836, -94.8291 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 153.1290, -19.7836, -94.8291 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 153.1290, -19.7836, -94.8291 Background



This preview shows how black text looks on a background with the YUV color 153.1290, -19.7836, -94.8291.



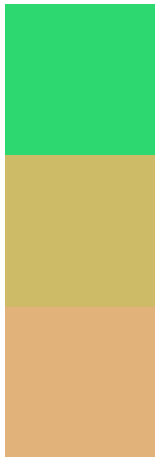
This preview shows how white text looks on a background with the YUV color 153.1290, -19.7836, -94.8291.

-94.8291.

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

153.1290, -19.7836, -94.8291

Protanopia

183.1050, -39.4918, 20.0789

Deuteranopia

186.2560, -31.6782, 33.9785



Tritanopia

172.0370, 23.6458, -71.0694

Trichromacy



Original Color

153.1290, -19.7836, -94.8291



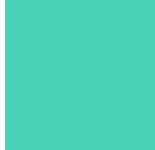
Protanomaly

172.3770, -32.2309, -22.2556



Deuteranomaly

174.1100, -27.1692, -12.3745



Tritanomaly

164.8560, 7.9590, -79.6807

Monochromacy



Original Color

153.1290, -19.7836, -94.8291



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1300, -7.4591, -34.3170

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1290, -19.7836, -94.8291 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, 216, 113)` looks like.

```
.text, #text, p{  
    color:rgb(45, 216, 113)  
}
```

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, 216, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 216, 113) }
```

Border

The CSS property to change the border of an element to YUV 153.1290, -19.7836, -94.8291 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, 216, 113) }
```


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

```
.border{ border-color:rgb(45, 216, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 216, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 216, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 216, 113);  
box-shadow:4px 4px 4px 4px rgb(45, 216,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 153.1290, -19.7836, -94.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 216, 113) }
```

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

```
.background{ background-color: rgb(45, 216,  
113) }
```

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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