

Converting Colors

YUV(137.1640, 10.7651,
-93.1058)

Have a look what the booklet for
YUV(137.1640, 10.7651, -93.1058)
contains.

YUV(137.1640, 10.7651, -93.1058)	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(137.1640, 10.7651,
-93.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	1FBB9F
RGB	31, 187, 159
RGB Percent	12%, 73%, 62%
CMY	0.8784, 0.2667, 0.3765
CMYK	0.83, 0.00, 0.15, 0.27
HSL	169°, 72%, 43%
HSV	169°, 83%, 73%
XYZ	24.5934, 38.3352, 38.9041
YIQ	137.1640, -83.9880, -41.7800

Conversions

Conversions Part 2

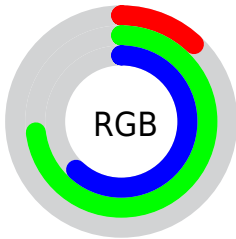
Format	Color
RYB	31, 117, 187
Decimal	2079647
CIELab	68.27, -44.61, 3.37
CIElCh	68, 44.733, 175.682
Yxy	38.3352, 0.2415, 0.3765
Android (android.graphics.Color)	4280269727 (0xFF1FBB9F)
YUV	137.1640, 10.7651, -93.1058
Hunter-Lab	61.9154, -37.4500, 6.0863

Details

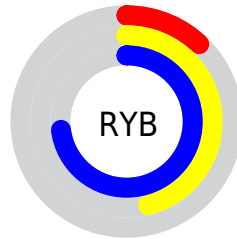
The YUV color **137.1640, 10.7651, -93.1058** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **80.8360, -10.7651, 93.1058**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6170, 7.0908, -81.2251**, and **90.3830, 8.6852, -79.2659** is the 20% darker color. If you saturate the color by 10%, you get **131.1410, 12.2555, -104.4867**, and if you desaturate by 10%, it is **143.1870, 9.2748, -81.7250**.

Distribution



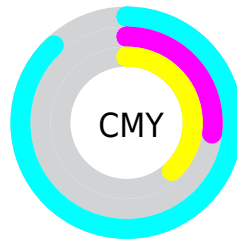
- Red (12%)
- Green (73%)
- Blue (62%)



- Red (12%)
- Yellow (46%)
- Blue (73%)



- Cyan (83%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)




- Cyan (88%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.1640, 10.7651, -93.1058 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 137.1640, 10.7651, -93.1058 by changing the saturation by 10% instead.


 137.1640, 10.7651,
-93.1058


 137.1640, 10.7651,
-93.1058


255.0000, 0.0000,
0.0000

 109.0820, 11.7916,
-95.6649

 199.6170, 7.0908,
-81.2251

 90.3830, 8.6852,
-79.2659

 218.5350, 11.5682,
-70.6292


 72.2710, 5.2894,
-63.3817


 228.9870, 12.8244,
-53.4856

 54.9740, 2.4778,
-48.2122

 237.9570, 8.4022,
-35.0423

 37.9050, 0.5398,
-33.2427

 247.2260, 3.8326,
-15.9842

 23.1840, -2.5557,
-20.3324

 0.0000, 0.0000,

0.0000

■ 137.1640, 10.7651,
-93.1058

■ 137.1640, 10.7651,
-93.1058

■ 131.1410, 12.2555,
-104.4867

■ 143.1870, 9.2748,
-81.7250

■ 127.2110, 12.7140,
-111.5640

■ 149.0250, 8.3687,
-71.0589

■ 155.0480, 6.8783,
-59.6781

■ 161.0710, 5.3880,
-48.2973

■ 167.2080, 4.3345,
-37.0164

■ 172.9320, 2.9915,
-26.2504

■ 178.9550, 1.5012,
-14.8695

■ 185.0920, 0.4476,
-3.5887

■ 190.8160, -0.8953,
7.1774

Harmonies

Analogous

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



153.2790, -16.8995, -39.7097



137.1640, 10.7651, -93.1058



132.5690, 33.2435, -116.2630

Triad

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



137.1640, 10.7651, -93.1058



168.1310, 34.9384, -6.2539



166.2630, -32.1747, 53.2663

Complementary

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



137.1640, 10.7651, -93.1058



80.8360, -10.7651, 93.1058

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.



167.7650, -16.6461, 65.9811



137.1640, 10.7651, -93.1058



171.3120, 20.5522, 34.8064

Square

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



137.1640, 10.7651, -93.1058



155.1350, 45.2894, -59.7544



169.9550, 1.9942, 60.5525



163.5730, -39.2295, 29.3155

Rectangle

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



137.1640, 10.7651, -93.1058



133.4300, 44.1580, -117.0181



169.9550, 1.9942, 60.5525



166.4470, -27.8284, 59.2440

Sweetspot

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



137.1640, 10.7651, -93.1058



222.8060, 4.0396, -35.7869



131.2430, -49.4198, -62.4801



110.5520, 2.6859, -21.5321



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.1640, 10.7651, -93.1058



164.7400, 16.8902, -144.4770



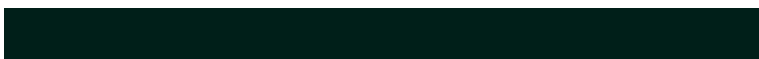
111.5930, 37.1757, -70.6801



91.1950, 0.8899, -5.4330



107.5660, 11.0600, -94.3354



21.0470, 1.9488, -18.4582

Inverse Universe

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



80.8360, -10.7651, 93.1058



77.2600, -16.8902, 144.4770



106.4070, -37.1757, 70.6801



87.9190, -0.4531, 5.3330



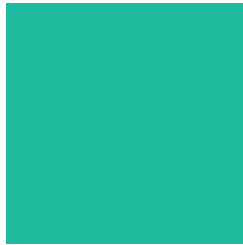
50.4340, -11.0600, 94.3354



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 137.1640, 10.7651, -93.1058 looks on a white background.

Color Contrast Check

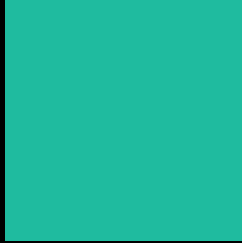
Large Text (above 18pt) WCAG AA × Fail

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 137.1640, 10.7651, -93.1058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

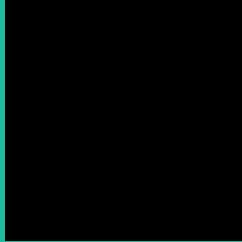
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

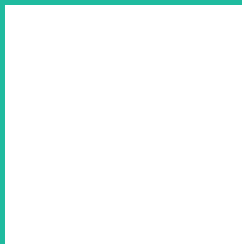
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.1640, 10.7651, -93.1058

Background



This preview shows how black text looks on a background with the YUV color 137.1640, 10.7651, -93.1058.



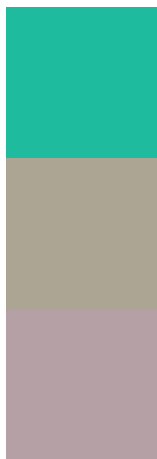
This preview shows how white text looks on a background with the YUV color 137.1640, 10.7651, -93.1058.

-93.1058.

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

137.1640, 10.7651, -93.1058

Protanopia

165.0410, -8.8942, 6.1030

Deuteranopia

166.8490, -0.9116, 12.4104



Tritanopia

146.8190, 24.2462, -77.0173

Trichromacy



Original Color

137.1640, 10.7651, -93.1058

Protanomaly

154.9440, -1.9444, -29.7689

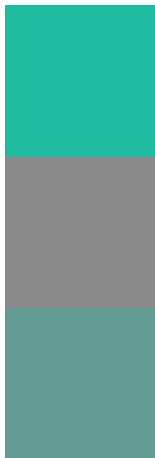
Deuteranomaly

156.0460, 3.4283, -26.3503

Tritanomaly

143.5210, 19.4631, -82.8949

Monochromacy



Original Color

137.1640, 10.7651, -93.1058

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8170, 4.0342, -34.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1640, 10.7651, -93.1058 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(31, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(31, 187, 159)  
}
```

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(31, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 187, 159) }
```

Border

The CSS property to change the border of an element to YUV 137.1640, 10.7651, -93.1058 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(31, 187, 159) }
```


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

```
.border{ border-color:rgb(31, 187, 159) }
```

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

Here you see how a box with a 4 pixel rgb(31, 187, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(31, 187,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 137.1640, 10.7651, -93.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 187, 159) }
```

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

```
.background{ background-color: rgb(31, 187,  
159) }
```

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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