

Converting Colors

YUV(137.1710, 23.5797,
-96.6200)

Have a look what the booklet for
YUV(137.1710, 23.5797, -96.6200)
contains.

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Color

**YUV(137.1710, 23.5797,
-96.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	1BB8B9
RGB	27, 184, 185
RGB Percent	11%, 72%, 73%
CMY	0.8941, 0.2784, 0.2745
CMYK	0.85, 0.01, 0.00, 0.27
HSL	180°, 75%, 42%
HSV	180°, 85%, 73%
XYZ	26.3494, 38.0168, 51.8482
YIQ	137.1710, -93.8930, -32.9730

Conversions

Conversions Part 2

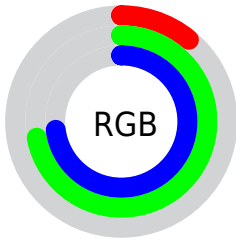
Format	Color
R _Y B	27, 106, 185
Decimal	1816761
CIE Lab	68.03, -36.19, -11.29
CIE LCh	68, 37.910, 197.332
Yxy	38.0168, 0.2267, 0.3271
Android (android.graphics.Color)	4280006841 (0xFF1BB8B9)
YUV	137.1710, 23.5797, -96.6200
Hunter-Lab	61.6577, -31.6191, -6.6967

Details

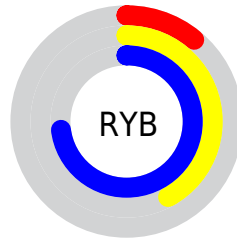
The YUV color **137.1710, 23.5797, -96.6200** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **74.8290, -23.5797, 96.6200**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9340, 19.7525, -82.3801**, and **91.3580, 20.0365, -80.1210** is the 20% darker color. If you saturate the color by 10%, you get **131.4900, 26.3804, -108.3007**, and if you desaturate by 10%, it is **142.8520, 20.7790, -84.9392**.

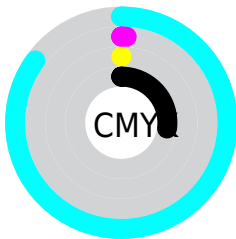
Distribution



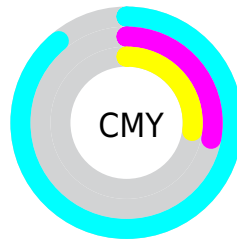
- Red (11%)
- Green (72%)
- Blue (73%)



- Red (11%)
- Yellow (42%)
- Blue (73%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (89%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.1710, 23.5797, -96.6200 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 137.1710, 23.5797, -96.6200 by changing the saturation by 10% instead.


 137.1710, 23.5797,
-96.6200


 137.1710, 23.5797,
-96.6200


255.0000, 0.0000,
0.0000


 110.1710, 23.5797,
-96.6200


 200.9340, 19.7525,
-82.3801

 91.3580, 20.0365,
-80.1210


 220.0170, 17.2466,
-71.9289

 73.8330, 16.3513,
-64.7515

 229.2860, 12.6770,
-52.8708

 56.4220, 13.1030,
-49.4821

 238.5550, 8.1074,
-33.8127

 39.7120, 10.0020,
-34.8274

 247.5250, 3.6852,
-15.3694

 25.4640, 6.1802,
-22.3319

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 137.1710, 23.5797,
-96.6200

■ 137.1710, 23.5797,
-96.6200

■ 131.4900, 26.3804,
-108.3007

■ 142.8520, 20.7790,
-84.9392

■ 129.0980, 27.5597,
-113.2189

■ 148.2340, 18.1256,
-73.8732

■ 153.6160, 15.4723,
-62.8072

■ 159.2970, 12.6716,
-51.1265

■ 165.5650, 9.5815,
-39.9605

■ 170.9470, 6.9281,
-28.8945

■ 176.6280, 4.1274,
-17.2138

■ 182.0100, 1.4741,
-6.1478

■ 187.6910, -1.3267,
5.5330

Harmonies

Analogous

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



149.9360, 0.0316, -56.9489



137.1710, 23.5797, -96.6200



135.2420, 39.3207, -105.4522

Triad

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



137.1710, 23.5797, -96.6200



170.2240, 20.5956, 20.8516



164.7180, -32.3990, 31.8193

Complementary

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



137.1710, 23.5797, -96.6200



74.8290, -23.5797, 96.6200

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.



166.6030, -24.4543, 50.3372



137.1710, 23.5797, -96.6200



170.1920, 5.8213, 46.3126

Square

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



137.1710, 23.5797, -96.6200



165.6800, 32.2028, -15.5054



168.6050, -10.6513, 56.4744



161.3080, -30.7178, 5.8689

Rectangle

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



137.1710, 23.5797, -96.6200



149.3370, 38.7809, -72.2095



168.6050, -10.6513, 56.4744



165.5170, -30.8209, 39.0116

Sweetspot

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



137.1710, 23.5797, -96.6200



220.5760, 9.5760, -38.2162



119.7460, -45.7238, -81.3382



108.9370, 5.4541, -22.7467



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



137.1710, 23.5797, -96.6200



167.0660, 35.9565, -146.5169



91.3850, 46.1522, -56.4656



89.3090, 1.3267, -5.5330



108.7690, 23.2849, -95.3904



19.6280, 4.1274, -17.2138

Inverse Universe

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



92.1400, 45.2870, 81.4382



98.8920, 68.5802, 123.7517



120.6150, -46.1522, 56.4656



86.7170, 2.6045, 4.6332



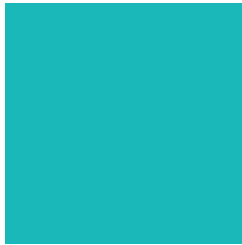
64.3140, 44.7082, 80.4086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 137.1710, 23.5797, -96.6200 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 137.1710, 23.5797, -96.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

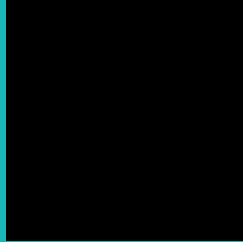
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

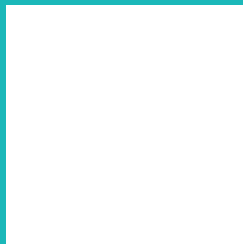
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.1710, 23.5797, -96.6200

Background



This preview shows how black text looks on a background with the YUV color 137.1710, 23.5797, -96.6200.

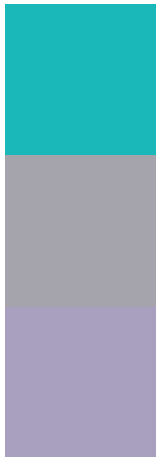


This preview shows how white text looks on a background with the YUV color 137.1710, 23.5797, -96.6200.

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

137.1710, 23.5797, -96.6200

Protanopia

165.2110, 3.3470, -0.1850

Deuteranopia

165.8120, 11.9247, 1.9189



Tritanopia

141.5510, 27.3364, -88.1832

Trichromacy



Original Color

137.1710, 23.5797, -96.6200

Protanomaly

154.9400, 10.8756, -35.0274

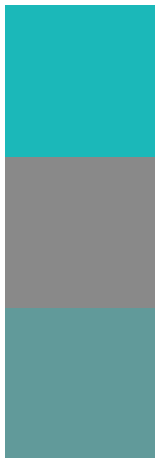
Deuteranomaly

155.6180, 15.9643, -33.8680

Tritanomaly

140.1870, 26.0368, -91.3720

Monochromacy



Original Color

137.1710, 23.5797, -96.6200

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9570, 8.4022, -35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1710, 23.5797, -96.6200 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(27, 184, 185)` looks like.

```
.text, #text, p{  
    color:rgb(27, 184, 185)  
}
```

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(27, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 184, 185) }
```

Border

The CSS property to change the border of an element to YUV 137.1710, 23.5797, -96.6200 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(27, 184, 185) }
```


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

```
.border{ border-color:rgb(27, 184, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 184, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 184, 185);  
box-shadow:4px 4px 4px 4px rgb(27, 184,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 137.1710, 23.5797, -96.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 184, 185) }
```

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

```
.background{ background-color: rgb(27, 184,  
185) }
```

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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