

Converting Colors

YUV(137.0940, 27.0687,
-95.6754)

Have a look what the booklet for
YUV(137.0940, 27.0687, -95.6754)
contains.

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Color

**YUV(137.0940, 27.0687,
-95.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB6C0
RGB	28, 182, 192
RGB Percent	11%, 71%, 75%
CMY	0.8902, 0.2863, 0.2471
CMYK	0.85, 0.05, 0.00, 0.25
HSL	184°, 75%, 43%
HSV	184°, 85%, 75%
XYZ	26.7213, 37.5085, 55.7007
YIQ	137.0940, -94.9940, -29.5380

Conversions

Conversions Part 2

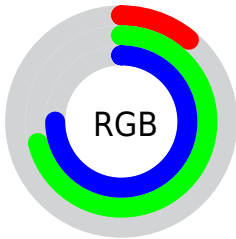
Format	Color
R _Y B	28, 107, 192
Decimal	1881792
CIE Lab	67.66, -33.04, -15.72
CIE LCh	68, 36.589, 205.442
Yxy	37.5085, 0.2228, 0.3128
Android (android.graphics.Color)	4280071872 (0xFF1CB6C0)
YUV	137.0940, 27.0687, -95.6754
Hunter-Lab	61.2442, -29.2966, -11.0524

Details

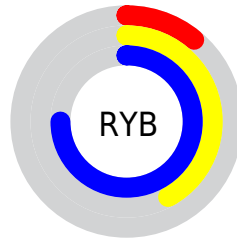
The YUV color **137.0940, 27.0687, -95.6754** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **82.9060, -27.0687, 95.6754**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2700, 23.5309, -80.9208**, and **90.9820, 23.6729, -79.7912** is the 20% darker color. If you saturate the color by 10%, you get **130.8260, 30.1588, -106.8414**, and if you desaturate by 10%, it is **143.3620, 23.9785, -84.5095**.

Distribution



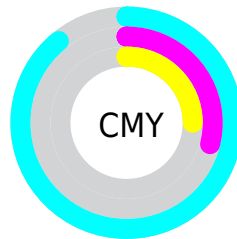
- Red (11%)
- Green (71%)
- Blue (75%)



- Red (11%)
- Yellow (42%)
- Blue (75%)



- Cyan (85%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0940, 27.0687, -95.6754 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 137.0940, 27.0687, -95.6754 by changing the saturation by 10% instead.

■ 137.0940, 27.0687,
-95.6754

■ 137.0940, 27.0687,
-95.6754

■ 255.0000, 0.0000,
0.0000

■ 109.7950, 27.2161,
-96.2902

■ 200.2700, 23.5309,
-80.9208

■ 90.9820, 23.6729,
-79.7912

■ 220.3160, 17.0992,
-71.3141

■ 73.3430, 19.5509,
-64.3218

■ 229.5850, 12.5296,
-52.2560

■ 55.9320, 16.3025,
-49.0524

■ 238.8540, 7.9600,
-33.1980

■ 39.6950, 12.4754,
-34.8125

■ 247.8240, 3.5378,
-14.7546

■ 25.4470, 8.6536,
-22.3170

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 137.0940, 27.0687,
-95.6754

■ 137.0940, 27.0687,
-95.6754

■ 130.8260, 30.1588,
-106.8414

■ 143.3620, 23.9785,
-84.5095

■ 127.5480, 31.7748,
-111.8596

■ 149.6300, 20.8884,
-73.3435

■ 156.7840, 17.3615,
-62.0776

■ 163.0520, 14.2714,
-50.9116

■ 169.3200, 11.1812,
-39.7456

■ 175.5880, 8.0911,
-28.5797

■ 181.8560, 5.0010,
-17.4137

■ 188.4230, 1.7635,
-5.6330

■ 195.2780, -1.6161,
5.0182

Harmonies

Analogous

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



147.2710, 5.2894, -63.3817



137.0940, 27.0687, -95.6754



143.9890, 36.4874, -83.3054

Triad

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



137.0940, 27.0687, -95.6754



169.2420, 16.6427, 28.7288



162.9020, -31.5037, 24.6419

Complementary

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



137.0940, 27.0687, -95.6754



82.9060, -27.0687, 95.6754

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.



165.4020, -26.3272, 44.3744



137.0940, 27.0687, -95.6754



168.9490, 1.0111, 49.1567

Square

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



137.0940, 27.0687, -95.6754



166.4210, 28.3864, -4.7542



166.9700, -14.2822, 54.4003



159.4750, -27.3492, -1.2936

Rectangle

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



137.0940, 27.0687, -95.6754



154.1540, 36.4061, -57.1401



166.9700, -14.2822, 54.4003



163.7720, -30.9466, 32.6490

Sweetspot

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



137.0940, 27.0687, -95.6754



228.2170, 10.7390, -37.9013



125.1800, -43.9657, -85.2269



112.1650, 6.3277, -22.9467



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.0940, 27.0687, -95.6754



166.4450, 41.1926, -145.9723



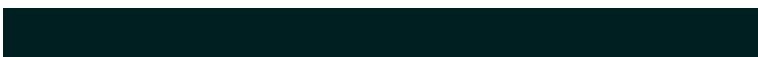
90.1340, 50.2199, -54.4915



93.4230, 1.7635, -5.6330



106.9910, 26.6264, -93.8311



21.9590, 5.4432, -19.2580

Inverse Universe

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



94.5920, 43.0921, 85.4268



101.5400, 65.7958, 130.1994



129.8660, -50.2199, 54.4915



91.0160, 2.4571, 5.2480



65.3530, 42.2240, 83.8824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 137.0940, 27.0687, -95.6754 looks on a white background.

Color Contrast Check

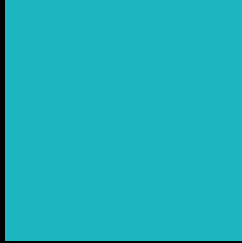
Large Text (above 18pt) WCAG AA × Fail

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 137.0940, 27.0687, -95.6754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

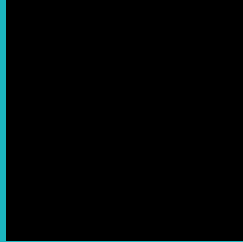
Any Text WCAG AA ✓ Pass

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 137.0940, 27.0687, -95.6754 Background



This preview shows how black text looks on a background with the YUV color 137.0940, 27.0687, -95.6754.



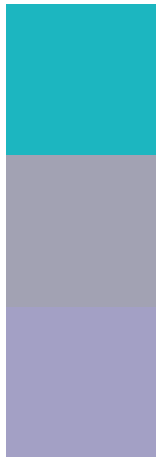
This preview shows how white text looks on a background with the YUV color 137.0940, 27.0687, -95.6754.

-95.6754.

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

137.0940, 27.0687, -95.6754

Protanopia

163.9380, 7.4256, -1.6996

Deuteranopia

165.1150, 15.7193, -1.8549



Tritanopia

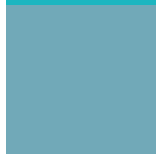
138.4580, 28.3682, -92.4867

Trichromacy



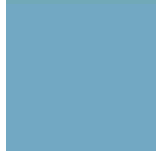
Original Color

137.0940, 27.0687, -95.6754



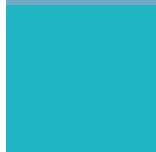
Protanomaly

153.9660, 14.8068, -35.9272



Deuteranomaly

154.9320, 19.7535, -35.8974



Tritanomaly

137.7460, 28.2262, -93.6162

Monochromacy



Original Color

137.0940, 27.0687, -95.6754



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.7120, 10.0020, -34.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0940, 27.0687, -95.6754 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(28, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(28, 182, 192)  
}
```

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(28, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 182, 192) }
```

Border

The CSS property to change the border of an element to YUV 137.0940, 27.0687, -95.6754 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(28, 182, 192) }
```


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

```
.border{ border-color:rgb(28, 182, 192) }
```

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

Here you see how a box with a 4 pixel rgb(28, 182, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(28, 182,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 137.0940, 27.0687, -95.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 182, 192) }
```

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

```
.background{ background-color: rgb(28, 182,  
192) }
```

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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