

Converting Colors

YUV(137.7470, 26.7467,
-85.7241)

Have a look what the booklet for
YUV(137.7470, 26.7467, -85.7241)
contains.

YUV(137.7470, 26.7467, -85.7241)	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(137.7470, 26.7467,
-85.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	28B1C0
RGB	40, 177, 192
RGB Percent	16%, 69%, 75%
CMY	0.8431, 0.3059, 0.2471
CMYK	0.79, 0.08, 0.00, 0.25
HSL	186°, 66%, 45%
HSV	186°, 79%, 75%
XYZ	26.1116, 35.7012, 55.3840
YIQ	137.7470, -86.4670, -24.3790

Conversions

Conversions Part 2

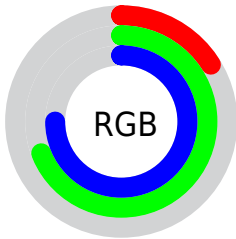
Format	Color
RYB	40, 112, 192
Decimal	2666944
CIELab	66.29, -29.66, -17.77
CIELCh	66, 34.579, 210.924
Yxy	35.7012, 0.2228, 0.3046
Android (android.graphics.Color)	4280857024 (0xFF28B1C0)
YUV	137.7470, 26.7467, -85.7241
Hunter-Lab	59.7505, -26.5567, -13.1318

Details

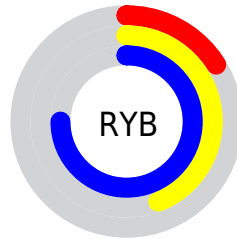
The YUV color **137.7470, 26.7467, -85.7241** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **94.2530, -26.7467, 85.7241**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5310, 24.3882, -75.8877**, and **88.6340, 24.8304, -77.7320** is the 20% darker color. If you saturate the color by 10%, you get **130.8920, 30.1262, -96.3753**, and if you desaturate by 10%, it is **144.6020, 23.3672, -75.0730**.

Distribution



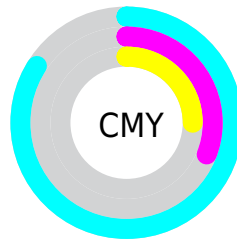
- Red (16%)
- Green (69%)
- Blue (75%)



- Red (16%)
- Yellow (44%)
- Blue (75%)



- Cyan (79%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (84%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7470, 26.7467, -85.7241 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 137.7470, 26.7467, -85.7241 by changing the saturation by 10% instead.

■ 137.7470, 26.7467,
-85.7241

■ 137.7470, 26.7467,
-85.7241

■ 255.0000, 0.0000,
0.0000

■ 106.8600, 28.6630,
-93.7162

■ 198.5310, 24.3882,
-75.8877

■ 88.6340, 24.8304,
-77.7320

■ 221.5120, 16.5096,
-68.8550

■ 70.9950, 20.7085,
-62.2626

■ 230.7810, 11.9400,
-49.7969

■ 53.5840, 17.4601,
-46.9932

■ 239.7510, 7.5178,
-31.3536

■ 37.3470, 13.6329,
-32.7533

■ 248.7210, 3.0955,
-12.9103

■ 23.0990, 9.8112,
-20.2578

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 137.7470, 26.7467,
-85.7241

■ 137.7470, 26.7467,
-85.7241

■ 130.8920, 30.1262,
-96.3753

■ 144.6020, 23.3672,
-75.0730

■ 124.0370, 33.5058,
-107.0264

■ 151.4570, 19.9877,
-64.4218

■ 123.4390, 33.8006,
-108.2560

■ 158.6110, 16.4608,
-53.1558

■ 165.4660, 13.0813,
-42.5047

■ 171.7340, 9.9911,
-31.3387

■ 178.5890, 6.6116,
-20.6876

■ 185.4440, 3.2321,
-10.0364

■ 192.5980, -0.2948,
1.2296

■ 199.4530, -3.6743,
11.8807

Harmonies

Analogous

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



144.0690, 8.3470, -64.0815



137.7470, 26.7467, -85.7241



145.5070, 34.2600, -68.8506

Triad

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



137.7470, 26.7467, -85.7241



165.3410, 13.1429, 31.2729



159.3250, -29.7402, 19.0090

Complementary

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



137.7470, 26.7467, -85.7241



94.2530, -26.7467, 85.7241

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.



161.3690, -26.3109, 39.1414



137.7470, 26.7467, -85.7241



164.5530, -1.7516, 48.6270

Square

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



137.7470, 26.7467, -85.7241



163.8410, 24.7284, 1.8934



163.1930, -15.8711, 50.6967



155.6530, -23.9859, -6.7117

Rectangle

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



137.7470, 26.7467, -85.7241



153.5360, 33.7528, -46.0741



163.1930, -15.8711, 50.6967



159.7820, -29.4725, 26.5012

Sweetspot

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



137.7470, 26.7467, -85.7241



228.5380, 10.5808, -33.7978



130.7060, -38.3091, -79.5492



111.8880, 6.4642, -20.0728



252.0000, 0.0000, 0.0000



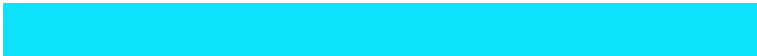
125.0000, 0.0000, 0.0000

Same Dimension

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



137.7470, 26.7467, -85.7241



164.7500, 42.0282, -133.9617



94.3090, 48.1617, -47.6290



93.4230, 1.7635, -5.6330



103.4690, 28.3628, -90.7423



21.3720, 5.7326, -18.7432

Inverse Universe

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



101.0660, 37.4355, 79.7491



107.5580, 58.3919, 124.9216



137.6910, -48.1617, 47.6290



91.0160, 2.4571, 5.2480



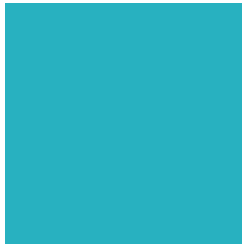
64.6690, 39.6032, 84.4823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 137.7470, 26.7467, -85.7241 looks on a white background.

Color Contrast Check

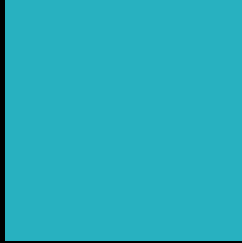
Large Text (above 18pt) WCAG AA × Fail

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 137.7470, 26.7467, -85.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

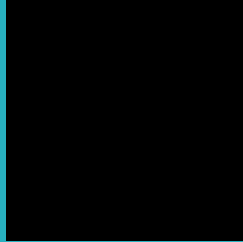
Any Text WCAG AA ✓ Pass

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 137.7470, 26.7467, -85.7241 Background



This preview shows how black text looks on a background with the YUV color 137.7470, 26.7467, -85.7241.

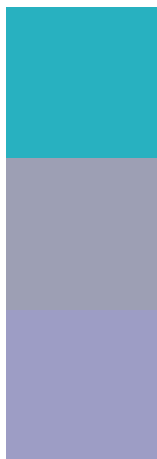


This preview shows how white text looks on a background with the YUV color 137.7470, 26.7467, -85.7241.

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

137.7470, 26.7467, -85.7241

Protanopia

160.7960, 9.4676, -3.3291

Deuteranopia

161.5600, 17.4719, -3.9991



Tritanopia

137.6330, 26.3099, -85.6241

Trichromacy



Original Color

137.7470, 26.7467, -85.7241

Protanomaly

152.5040, 15.5275, -33.7680

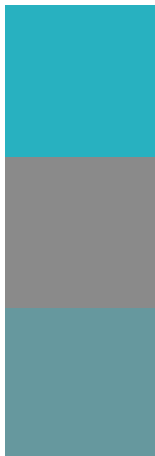
Deuteranomaly

152.5840, 20.9111, -33.8382

Tritanomaly

137.6330, 26.3099, -85.6241

Monochromacy



Original Color

137.7470, 26.7467, -85.7241

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7340, 9.9911, -31.3387

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7470, 26.7467, -85.7241 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(40, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(40, 177, 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(40, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 177, 192) }
```

Border

The CSS property to change the border of an element to YUV 137.7470, 26.7467, -85.7241 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(40, 177, 192) }
```


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

```
.border{ border-color:rgb(40, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(40, 177,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 137.7470, 26.7467, -85.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 177, 192) }
```

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

```
.background{ background-color: rgb(40, 177,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor