

Converting Colors

YIQ(137.6700, -79.5410,
-39.7730)

Have a look what the booklet for
YIQ(137.6700, -79.5410, -39.7730)
contains.

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Color

**YIQ(137.6700, -79.5410,
-39.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	25B99E
RGB	37, 185, 158
RGB Percent	15%, 73%, 62%
CMY	0.8552, 0.2743, 0.3807
CMYK	0.80, 0.00, 0.15, 0.27
HSL	169°, 67%, 44%
HSV	169°, 80%, 73%
XYZ	24.2866, 37.5815, 38.2878
YIQ	137.6700, -79.5410, -39.7730

Conversions

Conversions Part 2

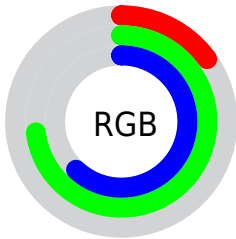
Format	Color
RYB	37, 118, 185
Decimal	2472350
CIELab	67.71, -43.54, 3.16
CIElCh	68, 43.656, 175.844
Yxy	37.5815, 0.2425, 0.3752
Android (android.graphics.Color)	4280662430 (0xFF25B99E)
YUV	137.6700, 10.0227, -88.2876
Hunter-Lab	61.3038, -36.5656, 5.8826

Details

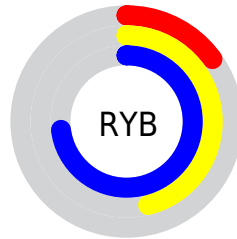
The YIQ color **137.6700, -79.5410, -39.7730** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **84.3300, 79.5410, 39.7730**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.9270, -69.9590, -37.2150**, and **89.0950, -70.3720, -35.2360** is the 20% darker color. If you saturate the color by 10%, you get **131.6470, -89.9020, -44.7340**, and if you desaturate by 10%, it is **143.3940, -69.7760, -35.0240**.

Distribution



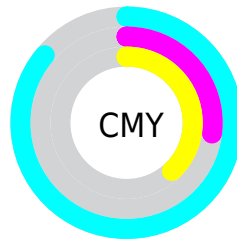
- Red (15%)
- Green (73%)
- Blue (62%)



- Red (15%)
- Yellow (46%)
- Blue (73%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (86%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6700, -79.5410, -39.7730 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 YIQ color 137.6700, -79.5410, -39.7730 by changing the saturation by 10% instead.

■ 137.6700,
-79.5410, -39.7730

■ 137.6700,
-79.5410, -39.7730

■ 255.0000, -0.0000,
-0.0000

■ 107.7940,
-85.8220, -41.5820

■ 198.8130,
-69.6380, -37.5260

■ 89.0950, -70.3720,
-35.2360

■ 218.7200,
-64.6420, -28.9460

■ 71.0970, -55.5180,
-29.1020

■ 229.2860,
-51.2560, -18.2320

■ 53.8000, -41.2600,
-23.1800

■ 238.5550,
-32.7800, -11.6600

■ 37.2040, -27.5980,
-17.4700

■ 247.5250,
-14.9000, -5.3000

■ 21.8960, -14.8070,
-12.4950

■ 0.0000, 0.0000,

0.0000

■ 137.6700,
-79.5410, -39.7730

■ 137.6700,
-79.5410, -39.7730

■ 131.6470,
-89.9020, -44.7340

■ 143.3940,
-69.7760, -35.0240

■ 125.8090,
-99.3460, -49.7940

■ 149.5310,
-59.7360, -29.7520

■ 155.2550,
-49.9710, -25.0030

■ 161.2780,
-39.6100, -20.0420

■ 167.1160,
-30.1660, -14.9820

■ 173.1390,
-19.8050, -10.0210

■ 178.9770,
-10.3610, -4.9610

■ 185.0000, -0.0000,
-0.0000

■ 190.7240, 9.7650,
4.7490

Harmonies

Analogous

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



152.1050, -23.6060, -34.7580



137.6700, -79.5410, -39.7730



131.1670, -114.4330, -35.1770

Triad

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



137.6700, -79.5410, -39.7730



166.9030, -23.5710, 25.2050



164.7790, 60.6580, 2.0180

Complementary

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



137.6700, -79.5410, -39.7730



84.3300, 79.5410, 39.7730

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.



165.8680, 62.6260, 21.4260



137.6700, -79.5410, -39.7730



169.7850, 18.1040, 35.3520

Square

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



137.6700, -79.5410, -39.7730



154.6900, -71.9840, 5.0080



167.9440, 48.2730, 33.7530



162.2030, 44.0640, -16.6400

Rectangle

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



137.6700, -79.5410, -39.7730



131.9140, -120.6700, -26.7660



167.9440, 48.2730, 33.7530



164.9630, 63.3160, 8.9160

Sweetspot

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



137.6700, -79.5410, -39.7730



221.4040, -31.0370, -15.7170



131.9490, -24.6080, -71.6800



108.7370, -18.6130, -9.5970



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.



137.6700, -79.5410, -39.7730



166.4420, -123.5980, -61.8220



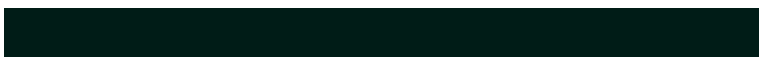
113.1590, -75.2830, -6.7950



89.0810, -4.7220, -2.5300



106.0500, -83.6670, -42.0910



19.0580, -15.0830, -7.4910

Inverse Universe

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



84.3300, 79.5410, 39.7730



83.5580, 123.5980, 61.8220



108.8410, 75.2830, 6.7950



85.8050, 5.0430, 2.2190



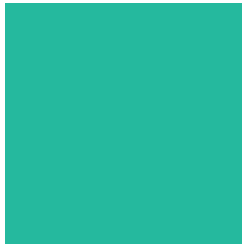
49.8360, 83.9880, 41.7800



8.9420, 15.0830, 7.4910

Previews

White Background



This preview shows how the YIQ color 137.6700, -79.5410, -39.7730 looks on a white background.

Color Contrast Check

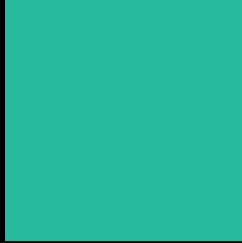
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 137.6700, -79.5410, -39.7730 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

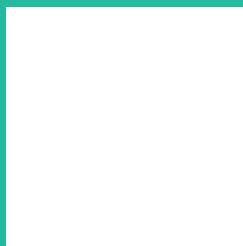
Any Text WCAG AAA ✓ Pass

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

YIQ 137.6700, -79.5410, -39.7730 Background



This preview shows how black text looks on a background with the YIQ color 137.6700, -79.5410, -39.7730.



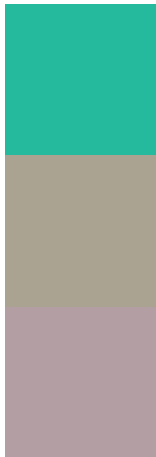
This preview shows how white text looks on a background with the YIQ color 137.6700, -79.5410, -39.7730.

-39.7730.

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

137.6700, -79.5410, -39.7730

Protanopia

163.4540, 10.2250, -3.5910

Deuteranopia

164.9630, 10.5900, 6.3180



Tritanopia

146.4280, -75.1430, -20.3510

Trichromacy



Original Color

137.6700, -79.5410, -39.7730

Protanomaly

153.9550, -22.4630, -16.9190

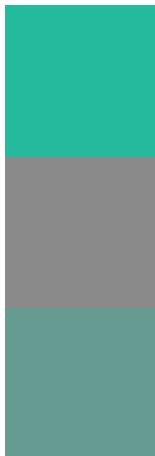
Deuteranomaly

155.0570, -22.5100, -10.5580

Tritanomaly

143.4290, -76.8840, -27.3480

Monochromacy



Original Color

137.6700, -79.5410, -39.7730

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7140, -28.9740, -14.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6700, -79.5410, -39.7730 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(37, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(37, 185, 158)  
}
```

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(37, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 185, 158) }
```

Border

The CSS property to change the border of an element to YIQ 137.6700, -79.5410, -39.7730 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(37, 185, 158) }
```


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

```
.border{ border-color:rgb(37, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(37, 185,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6700, -79.5410, -39.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 185, 158) }
```

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

```
.background{ background-color: rgb(37, 185,  
158) }
```

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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