

Converting Colors

YIQ(137.4470, -94.4900,
-27.6580)

Have a look what the booklet for
YIQ(137.4470, -94.4900, -27.6580)
contains.

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Color

**YIQ(137.4470, -94.4900,
-27.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	1EB5C3
RGB	30, 181, 195
RGB Percent	12%, 71%, 76%
CMY	0.8826, 0.2899, 0.2357
CMYK	0.85, 0.07, 0.00, 0.24
HSL	185°, 73%, 44%
HSV	185°, 85%, 76%
XYZ	26.9088, 37.2839, 57.3497
YIQ	137.4470, -94.4900, -27.6580

Conversions

Conversions Part 2

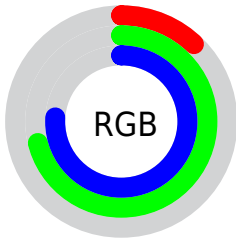
Format	Color
RYB	30, 109, 195
Decimal	2012611
CIELab	67.49, -31.56, -17.57
CIELCh	67, 36.117, 209.110
Yxy	37.2839, 0.2214, 0.3068
Android (android.graphics.Color)	4280202691 (0xFF1EB5C3)
YUV	137.4470, 28.3736, -94.2310
Hunter-Lab	61.0606, -28.1928, -12.9443

Details

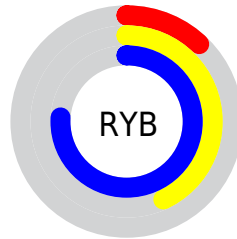
The YIQ color **137.4470, -94.4900, -27.6580** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **87.5530, 94.4900, 27.6580**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4380, -81.1030, -22.4710**, and **91.2100, -80.4610, -23.0930** is the 20% darker color. If you saturate the color by 10%, you get **130.2930, -105.8600, -30.8520**, and if you desaturate by 10%, it is **144.3020, -83.7160, -24.6760**.

Distribution



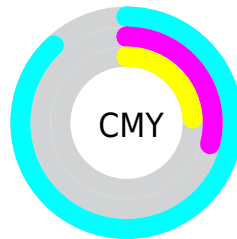
- Red (12%)
- Green (71%)
- Blue (76%)



- Red (12%)
- Yellow (43%)
- Blue (76%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (88%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4470, -94.4900, -27.6580 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 137.4470, -94.4900, -27.6580 by changing the saturation by 10% instead.

■ 137.4470,
-94.4900, -27.6580

■ 137.4470,
-94.4900, -27.6580

■ 255.0000, -0.0000,
-0.0000

■ 109.5500,
-96.2780, -28.2940

■ 200.3240,
-80.7820, -22.7820

■ 91.2100, -80.4610,
-23.0930

■ 220.6150,
-68.5400, -24.3800

■ 73.0980, -65.2860,
-17.2700

■ 229.8840,
-50.0640, -17.8080

■ 56.1600, -50.6610,
-12.4930

■ 239.1530,
-31.5880, -11.2360

■ 39.4500, -36.6780,
-7.0940

■ 248.1230,
-13.7080, -4.8760

■ 25.6750, -24.0700,
-4.3100

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 137.4470,
-94.4900, -27.6580

■ 137.4470,
-94.4900, -27.6580

■ 130.2930,
-105.8600, -30.8520

■ 144.3020,
-83.7160, -24.6760

■ 127.3030,
-111.8200, -32.9720

■ 150.8690,
-72.0710, -20.9590

■ 157.7240,
-61.2970, -17.9770

■ 164.8780,
-49.9270, -14.7830

■ 171.1460,
-38.8780, -11.2780

■ 178.3000,
-27.5080, -8.0840

■ 185.1550,
-16.7340, -5.1020

■ 191.7220, -5.0890,
-1.3850

■ 198.5770, 5.6850,
1.5970

Harmonies

Analogous

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



146.5310, -59.7360, -29.7520



137.4470, -94.4900, -27.6580



145.9190, -83.5350, -11.4310

Triad

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



137.4470, -94.4900, -27.6580



168.6830, 18.1510, 28.9910



162.2930, 35.1230, -14.2930

Complementary

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



137.4470, -94.4900, -27.6580



87.5530, 94.4900, 27.6580

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.



164.7500, 50.4340, 0.0820



137.4470, -94.4900, -27.6580



167.9060, 42.2680, 26.9400

Square

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



137.4470, -94.4900, -27.6580



166.6990, -14.3090, 22.5470



166.5030, 53.2280, 15.5320



158.7950, 9.8620, -24.5540

Rectangle

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



137.4470, -94.4900, -27.6580



155.3720, -62.4010, 2.0390



166.5030, 53.2280, 15.5320



163.0490, 41.8620, -9.7700

Sweetspot

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



137.4470, -94.4900, -27.6580



230.2280, -36.1730, -10.7410



128.4510, -49.8690, -81.9410



113.9910, -22.1440, -6.1760



0.0000, 0.0000, 0.0000



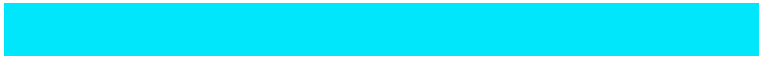
128.0000, -0.0000, -0.0000

Same Dimension

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



137.4470, -94.4900, -27.6580



164.3250, -144.4170, -42.4410



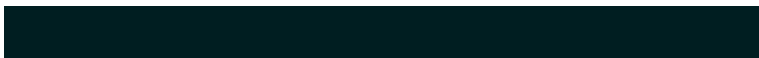
89.3130, -71.9400, 15.2280



93.4230, -5.6850, -1.5970



104.6430, -92.1060, -26.8100



21.3720, -18.8430, -5.4270

Inverse Universe

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



96.5490, 49.8690, 81.9410



101.6820, 76.0410, 125.2650



135.6870, 71.9400, -15.2280



91.0160, 3.0710, 4.9190



64.8970, 48.7690, 79.8490



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 137.4470, -94.4900, -27.6580 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 137.4470, -94.4900, -27.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

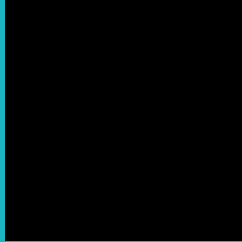
Any Text WCAG AA ✓ Pass

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 137.4470, -94.4900, -27.6580 Background



This preview shows how black text looks on a background with the YIQ color 137.4470, -94.4900, -27.6580.

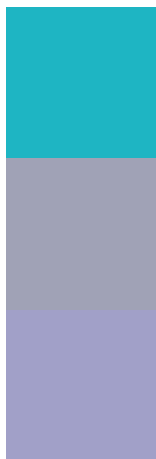


This preview shows how white text looks on a background with the YIQ color 137.4470, -94.4900, -27.6580.

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

137.4470, -94.4900, -27.6580

Protanopia

163.6820, -7.6120, 5.7960

Deuteranopia

164.8590, -12.2440, 12.6520



Tritanopia

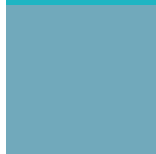
137.8600, -94.2150, -27.1350

Trichromacy



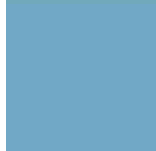
Original Color

137.4470, -94.4900, -27.6580



Protanomaly

154.3080, -39.1540, -6.2740



Deuteranomaly

154.9750, -42.4100, -2.3300



Tritanomaly

137.8600, -94.2150, -27.1350

Monochromacy



Original Color

137.4470, -94.4900, -27.6580



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.1250, -34.3850, -10.1050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4470, -94.4900, -27.6580 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(30, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(30, 181, 195)  
}
```

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(30, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 181, 195) }
```

Border

The CSS property to change the border of an element to YIQ 137.4470, -94.4900, -27.6580 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(30, 181, 195) }
```


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

```
.border{ border-color:rgb(30, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(30, 181,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4470, -94.4900, -27.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 181, 195) }
```

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

```
.background{ background-color: rgb(30, 181,  
195) }
```

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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