

Converting Colors

YIQ(137.3700, -95.5910,
-24.2230)

Have a look what the booklet for
YIQ(137.3700, -95.5910, -24.2230)
contains.

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Color

**YIQ(137.3700, -95.5910,
-24.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	1FB3CA
RGB	31, 179, 202
RGB Percent	12%, 70%, 79%
CMY	0.8787, 0.2978, 0.2082
CMYK	0.85, 0.11, 0.00, 0.21
HSL	188°, 73%, 46%
HSV	188°, 85%, 79%
XYZ	27.3437, 36.8146, 61.4790
YIQ	137.3700, -95.5910, -24.2230

Conversions

Conversions Part 2

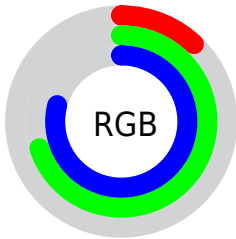
Format	Color
R _Y B	31, 110, 202
Decimal	2077642
CIE Lab	67.14, -28.28, -21.96
CIE LCh	67, 35.807, 217.836
Yxy	36.8146, 0.2176, 0.2930
Android (android.graphics.Color)	4280267722 (0xFF1FB3CA)
YUV	137.3700, 31.8626, -93.2865
Hunter-Lab	60.6750, -25.7387, -17.6031

Details

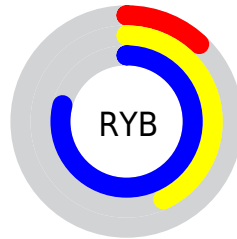
The YIQ color **137.3700, -95.5910, -24.2230** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **95.6300, 95.5910, 24.2230**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9050, -80.9200, -20.2800**, and **90.8340, -82.1580, -19.8700** is the 20% darker color. If you saturate the color by 10%, you get **129.6290, -106.6860, -26.8940**, and if you desaturate by 10%, it is **145.1110, -84.4960, -21.5520**.

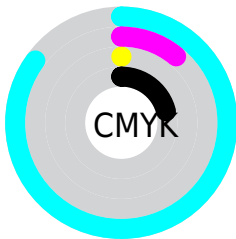
Distribution



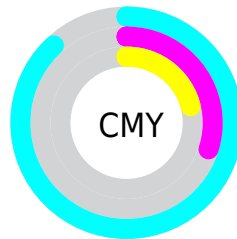
- Red (12%)
- Green (70%)
- Blue (79%)



- Red (12%)
- Yellow (43%)
- Blue (79%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (88%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3700, -95.5910, -24.2230 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 137.3700, -95.5910, -24.2230 by changing the saturation by 10% instead.

■ 137.3700,
-95.5910, -24.2230

■ 137.3700,
-95.5910, -24.2230

■ 255.0000, -0.0000,
-0.0000

■ 109.0600,
-97.6540, -25.3820

■ 199.9050,
-80.9200, -20.2800

■ 90.8340, -82.1580,
-19.8700

■ 221.2130,
-67.3480, -23.9560

■ 73.1950, -66.9370,
-14.8810

■ 230.1830,
-49.4680, -17.5960

■ 55.6700, -52.0370,
-9.5810

■ 239.4520,
-30.9920, -11.0240

■ 39.4330, -38.0080,
-5.0160

■ 248.7210,
-12.5160, -4.4520

■ 25.0710, -25.1250,
-1.7090

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 137.3700,
-95.5910, -24.2230

■ 137.3700,
-95.5910, -24.2230

■ 129.6290,
-106.6860, -26.8940

■ 145.1110,
-84.4960, -21.5520

■ 125.7530,
-112.9670, -28.7030

■ 152.2650,
-73.1260, -18.3580

■ 160.3050,
-61.4350, -15.4750

■ 168.0460,
-50.3400, -12.8040

■ 175.7870,
-39.2450, -10.1330

■ 182.9410,
-27.8750, -6.9390

■ 190.6820,
-16.7800, -4.2680

■ 198.4230, -5.6850,
-1.5970

■ 205.8760, 6.2810,
1.8090

Harmonies

Analogous

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



143.0830, -70.0980, -29.1860



137.3700, -95.5910, -24.2230



149.5830, -73.5410, -5.3250

Triad

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



137.3700, -95.5910, -24.2230



167.8750, 26.3580, 28.9340



160.4770, 28.6130, -17.4590

Complementary

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



137.3700, -95.5910, -24.2230



95.6300, 95.5910, 24.2230

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.



162.9620, 46.7210, -4.2150



137.3700, -95.5910, -24.2230



166.3640, 46.6700, 24.2540

Square

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



137.3700, -95.5910, -24.2230



166.8420, -4.4060, 24.7940



164.8680, 53.4580, 11.3620



156.6630, 1.4260, -25.8540

Rectangle

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



137.3700, -95.5910, -24.2230



157.6940, -51.4440, 7.2120



164.8680, 53.4580, 11.3620



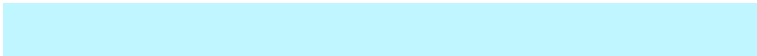
161.7060, 35.3980, -13.7700

Sweetspot

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



137.3700, -95.5910, -24.2230



230.5810, -35.6690, -8.8610



133.9990, -54.4080, -82.2800



112.8170, -21.5940, -5.1300



0.0000, 0.0000, 0.0000



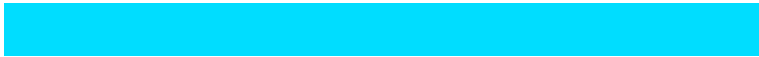
128.0000, -0.0000, -0.0000

Same Dimension

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



137.3700, -95.5910, -24.2230



158.7970, -142.6300, -36.2780



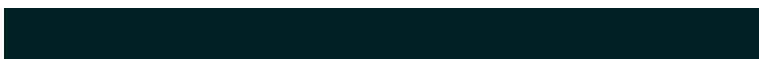
87.4750, -72.2160, 20.2320



98.4230, -5.6850, -1.5970



103.4520, -92.8860, -23.6860



23.7030, -21.2730, -5.4410

Inverse Universe

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



99.0010, 54.4080, 82.2800



101.4390, 81.0390, 122.7910



145.5250, 72.2160, -20.2320



96.0160, 3.0710, 4.9190



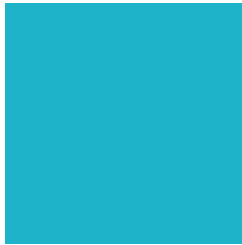
66.0500, 52.7120, 79.9760



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 137.3700, -95.5910, -24.2230 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 137.3700, -95.5910, -24.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

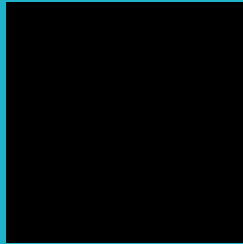
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

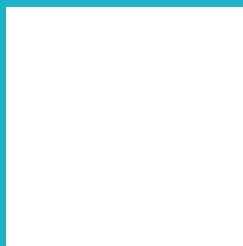
Any Text WCAG AAA ✓ Pass

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

YIQ 137.3700, -95.5910, -24.2230 Background



This preview shows how black text looks on a background with the YIQ color 137.3700, -95.5910, -24.2230.



This preview shows how white text looks on a background with the YIQ color 137.3700, -95.5910, -24.2230.

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

137.3700, -95.5910, -24.2230

Protanopia

162.9960, -11.3720, 7.8600

Deuteranopia

163.1620, -17.4710, 13.7690



Tritanopia

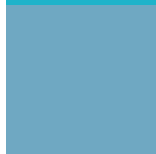
133.2720, -101.3670, -29.6790

Trichromacy



Original Color

137.3700, -95.5910, -24.2230



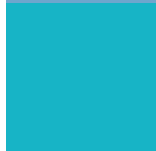
Protanomaly

153.9210, -42.3180, -3.9980



Deuteranomaly

153.7020, -45.8950, 0.2570



Tritanomaly

135.1090, -99.3500, -27.6860

Monochromacy



Original Color

137.3700, -95.5910, -24.2230



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.8800, -35.0730, -8.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3700, -95.5910, -24.2230 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(31, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(31, 179, 202)  
}
```

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(31, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 179, 202) }
```

Border

The CSS property to change the border of an element to YIQ 137.3700, -95.5910, -24.2230 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(31, 179, 202) }
```


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

```
.border{ border-color:rgb(31, 179, 202) }
```

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

Here you see how a box with a 4 pixel rgb(31, 179, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(31, 179,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3700, -95.5910, -24.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 179, 202) }
```

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

```
.background{ background-color: rgb(31, 179,  
202) }
```

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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