

Converting Colors

YIQ(133.8260, -70.5120,
-21.6800)

Have a look what the booklet for
YIQ(133.8260, -70.5120, -21.6800)
contains.

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Color

**YIQ(133.8260, -70.5120,
-21.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	35A7AF
RGB	53, 167, 175
RGB Percent	21%, 65%, 69%
CMY	0.7924, 0.3449, 0.3140
CMYK	0.70, 0.05, 0.00, 0.31
HSL	184°, 54%, 45%
HSV	184°, 70%, 69%
XYZ	23.0228, 31.5023, 45.3870
YIQ	133.8260, -70.5120, -21.6800

Conversions

Conversions Part 2

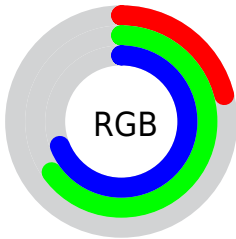
Format	Color
RYB	53, 112, 175
Decimal	3516335
CIELab	62.93, -28.53, -13.32
CIELCh	63, 31.486, 205.018
Yxy	31.5023, 0.2304, 0.3153
Android (android.graphics.Color)	4281706415 (0xFF35A7AF)
YUV	133.8260, 20.2988, -70.8844
Hunter-Lab	56.1269, -25.0028, -8.6560




Details

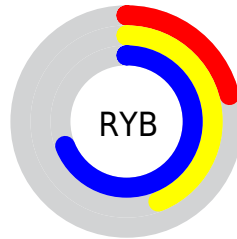
The YIQ color **133.8260, -70.5120, -21.6800** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.1740, 70.5120, 21.6800**, and the grayscale version is **134.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **192.2180, -65.7440, -19.9840**, and **81.5270, -71.1080, -21.8920** is the 20% darker color. If you saturate the color by 10%, you get **127.8570, -80.9650, -24.9730**, and if you desaturate by 10%, it is **139.4960, -60.6550, -18.5990**.

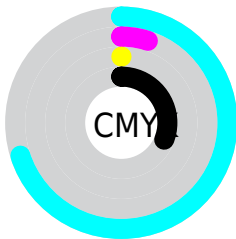
Distribution







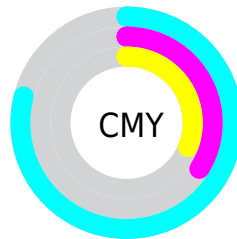
-  Red (21%)
-  Green (65%)
-  Blue (69%)






-  Red (21%)
-  Yellow (44%)
-  Blue (69%)



-  Cyan (70%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (79%)
-  Magenta (34%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8260, -70.5120, -21.6800 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 133.8260, -70.5120, -21.6800 by changing the saturation by 10% instead.

■ 133.8260,
-70.5120, -21.6800

■ 133.8260,
-70.5120, -21.6800

■ 255.0000, -0.0000,
-0.0000

■ 99.0520, -86.0080,
-27.1920

■ 192.1040,
-65.4230, -20.2950

■ 81.5270, -71.1080,
-21.8920

■ 220.0610,
-63.8640, -21.0160

■ 64.0020, -56.2080,
-16.5920

■ 231.3790,
-47.0840, -16.7480

■ 47.1780, -41.9040,
-11.5040

■ 240.0500,
-29.8000, -10.6000

■ 31.0550, -28.1960,
-6.6280

■ 249.0200,
-11.9200, -4.2400

■ 14.5730, -14.8550,
-0.6070

■ 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 133.8260,
-70.5120, -21.6800

■ 133.8260,
-70.5120, -21.6800

■ 127.8570,
-80.9650, -24.9730

■ 139.4960,
-60.6550, -18.5990

■ 122.1870,
-90.8220, -28.0540

■ 145.4650,
-50.2020, -15.3060

■ 116.2180,
-101.2750, -31.3470

■ 151.1350,
-40.3450, -12.2250

■ 157.6910,
-30.1670, -9.4550

■ 163.3610,
-20.3100, -6.3740

■ 169.3300, -9.8570,
-3.0810

■ 175.0000, -0.0000,
-0.0000

■ 180.9690, 10.4530,
3.2930

■ 186.6390, 20.3100,
6.3740

Harmonies

Analogous

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



138.5930, -45.1110, -24.9750



133.8260, -70.5120, -21.6800



137.2750, -69.9180, -10.4140

Triad

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



133.8260, -70.5120, -21.6800



156.2260, 12.0080, 24.6800



151.0310, 33.1050, -10.7590

Complementary

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



133.8260, -70.5120, -21.6800



94.1740, 70.5120, 21.6800

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.



152.6940, 44.8400, 2.3440



133.8260, -70.5120, -21.6800



155.6060, 34.2450, 23.6610

Square

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



133.8260, -70.5120, -21.6800



153.9820, -16.7840, 17.8400



154.1970, 45.3420, 15.2780



148.2130, 11.7410, -20.0590

Rectangle

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



133.8260, -70.5120, -21.6800



144.0260, -55.6150, 0.2010



154.1970, 45.3420, 15.2780



151.8900, 38.0560, -6.8720

Sweetspot

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



133.8260, -70.5120, -21.6800



210.8870, -27.7830, -8.6070



125.2980, -35.4760, -61.9400



105.1550, -16.7340, -5.1020



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



133.8260, -70.5120, -21.6800



162.8470, -110.5360, -34.2160



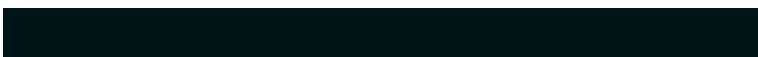
99.1930, -54.2870, 9.1770



83.7220, -5.0890, -1.3850



99.8670, -86.9250, -27.0930



14.9490, -13.1580, -3.8300

Inverse Universe

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



102.4740, 36.1180, 61.3180



113.5150, 56.3770, 96.1610



128.8070, 54.2870, -9.1770



81.6030, 2.7960, 4.3960



60.9240, 44.1390, 75.6510



9.2710, 6.9670, 11.4070

Previews

White Background



This preview shows how the YIQ color 133.8260, -70.5120, -21.6800 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 133.8260, -70.5120, -21.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

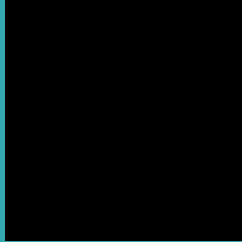
Any Text WCAG AA ✓ Pass

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 133.8260, -70.5120, -21.6800 Background



This preview shows how black text looks on a background with the YIQ color 133.8260, -70.5120, -21.6800.



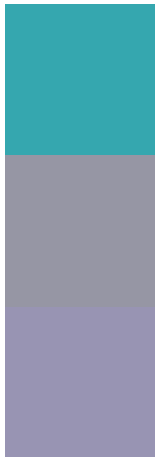
This preview shows how white text looks on a background with the YIQ color 133.8260, -70.5120, -21.6800.

-21.6800.

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

133.8260, -70.5120, -21.6800

Protanopia

151.5960, -4.4940, 4.3540

Deuteranopia

152.7300, -7.5670, 10.4890



Tritanopia

134.7060, -70.0540, -18.9660

Trichromacy



Original Color

133.8260, -70.5120, -21.6800

Protanomaly

145.1090, -28.2880, -4.9600

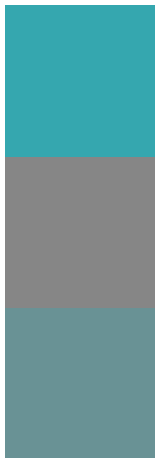
Deuteranomaly

145.9610, -30.6270, -1.1150

Tritanomaly

134.1790, -70.0080, -19.8000

Monochromacy



Original Color

133.8260, -70.5120, -21.6800

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0830, -25.3990, -7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8260, -70.5120, -21.6800 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(53, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(53, 167, 175)  
}
```

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(53, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 167, 175) }
```

Border

The CSS property to change the border of an element to YIQ 133.8260, -70.5120, -21.6800 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(53, 167, 175) }
```


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

```
.border{ border-color:rgb(53, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(53, 167,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8260, -70.5120, -21.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 167, 175) }
```

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

```
.background{ background-color: rgb(53, 167,  
175) }
```

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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