

Converting Colors

YIQ(143.2660, -101.2300,
-26.6540)

Have a look what the booklet for
YIQ(143.2660, -101.2300, -26.6540)
contains.

YIQ(143.2660, -101.2300, -26.6540)	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

**YIQ(143.2660, -101.2300,
-26.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	1EBCD2
RGB	30, 188, 210
RGB Percent	12%, 74%, 82%
CMY	0.8826, 0.2625, 0.1769
CMYK	0.86, 0.10, 0.00, 0.18
HSL	187°, 75%, 47%
HSV	187°, 86%, 82%
XYZ	30.1497, 40.9173, 67.2118
YIQ	143.2660, -101.2300, -26.6540

Conversions

Conversions Part 2

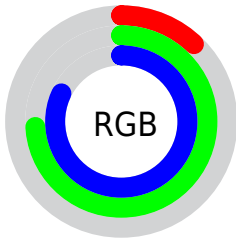
Format	Color
RYB	30, 114, 210
Decimal	2014418
CIELab	70.12, -30.20, -21.81
CIELCh	70, 37.253, 215.838
Yxy	40.9173, 0.2180, 0.2959
Android (android.graphics.Color)	4280204498 (0xFF1EBCD2)
YUV	143.2660, 32.8999, -99.3343
Hunter-Lab	63.9666, -27.8083, -17.5213

Details

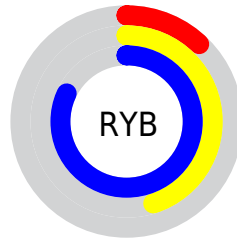
The YIQ color **143.2660, -101.2300, -26.6540** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **96.7340, 101.2300, 26.6540**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3730, -82.4780, -25.0860**, and **96.3280, -86.6050, -21.8770** is the 20% darker color. If you saturate the color by 10%, you get **135.8130, -113.1960, -30.0600**, and if you desaturate by 10%, it is **151.3060, -89.5390, -23.7710**.

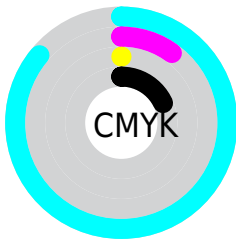
Distribution



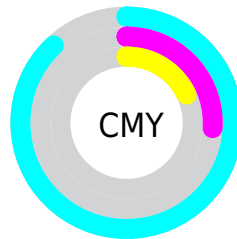
- Red (12%)
- Green (74%)
- Blue (82%)



- Red (12%)
- Yellow (45%)
- Blue (82%)



- Cyan (86%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (88%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.2660, -101.2300, -26.6540 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 143.2660, -101.2300, -26.6540 by changing the saturation by 10% instead.

■ 143.2660,
-101.2300, -26.6540

■ 143.2660,
-101.2300, -26.6540

■ 255.0000, -0.0000,
-0.0000

■ 115.2550,
-102.6970, -27.6010

■ 206.3730,
-82.4780, -25.0860

■ 96.3280, -86.6050,
-21.8770

■ 221.8110,
-66.1560, -23.5320

■ 78.6890, -71.3840,
-16.8880

■ 231.0800,
-47.6800, -16.9600

■ 61.1640, -56.4840,
-11.5880

■ 240.3490,
-29.2040, -10.3880

■ 44.3400, -42.1800,
-6.5000

■ 249.6180,
-10.7280, -3.8160

■ 29.3910, -29.0220,
-2.6700

■ 5.8650, -12.3810,

9.6270

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 143.2660,
-101.2300, -26.6540

■ 143.2660,
-101.2300, -26.6540

■ 135.8130,
-113.1960, -30.0600

■ 151.3060,
-89.5390, -23.7710

■ 131.9480,
-118.0100, -30.9220

■ 158.7590,
-77.5730, -20.3650

■ 166.7990,
-65.8820, -17.4820

■ 174.2520,
-53.9160, -14.0760

■ 182.2920,
-42.2250, -11.1930

■ 189.7450,
-30.2590, -7.7870

■ 197.7850,
-18.5680, -4.9040

■ 205.2380, -6.6020,
-1.4980

■ 213.2780, 5.0890,
1.3850

Harmonies

Analogous

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



150.8440, -70.9230, -30.7550



143.2660, -101.2300, -26.6540



155.7070, -79.8220, -7.1340

Triad

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



143.2660, -101.2300, -26.6540



176.0430, 25.9450, 30.9130



168.6190, 31.0890, -18.2790

Complementary

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



143.2660, -101.2300, -26.6540



96.7340, 101.2300, 26.6540

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.



171.3430, 50.0220, -3.4660



143.2660, -101.2300, -26.6540



174.6030, 47.4950, 25.8230

Square

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



143.2660, -101.2300, -26.6540



174.7000, -6.8820, 25.6140



172.5910, 55.7960, 13.0440



164.5060, 3.3060, -26.8860

Rectangle

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



143.2660, -101.2300, -26.6540



164.8290, -56.2580, 6.3500



172.5910, 55.7960, 13.0440



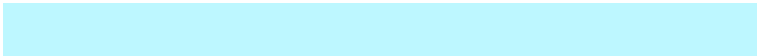
169.6740, 38.4240, -13.5440

Sweetspot

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



143.2660, -101.2300, -26.6540



230.5700, -37.1360, -9.8080



138.0540, -56.2410, -87.6090



113.1050, -22.4650, -5.8650



0.0000, 0.0000, 0.0000



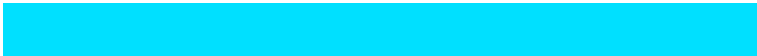
128.0000, -0.0000, -0.0000

Same Dimension

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



143.2660, -101.2300, -26.6540



160.5580, -143.4550, -37.8470



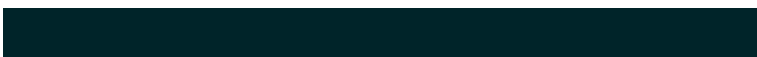
91.0230, -76.7550, 19.8930



100.5370, -6.0060, -1.2860



106.0280, -94.6280, -25.1560



25.8060, -23.0610, -6.0770

Inverse Universe

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



101.8320, 56.5620, 87.2980



101.7810, 80.0760, 123.7240



148.9770, 76.7550, -19.8930



98.3150, 3.6670, 5.1310



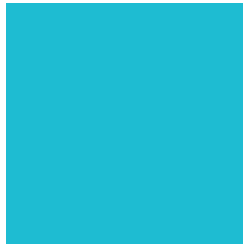
67.1040, 52.6200, 81.6440



16.3630, 12.8800, 19.8880

Previews

White Background



This preview shows how the YIQ color 143.2660, -101.2300, -26.6540 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 143.2660, -101.2300, -26.6540 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

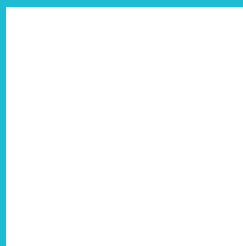
Any Text WCAG AAA ✓ Pass

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

YIQ 143.2660, -101.2300, -26.6540 Background



This preview shows how black text looks on a background with the YIQ color 143.2660, -101.2300, -26.6540.



This preview shows how white text looks on a background with the YIQ color 143.2660, -101.2300, -26.6540.

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

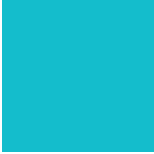
143.2660, -101.2300, -26.6540

Protanopia

170.9960, -11.3720, 7.8600

Deuteranopia

171.2760, -17.7920, 14.0800



Tritanopia

140.1790, -105.5390, -31.1630

Trichromacy



Original Color

143.2660, -101.2300, -26.6540

Protanomaly

161.0240, -44.1060, -4.6340

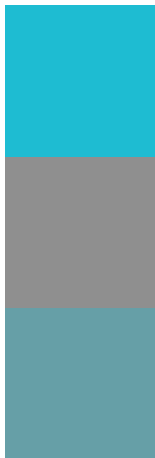
Deuteranomaly

161.3920, -47.9580, -0.9020

Tritanomaly

141.6030, -103.7970, -29.6930

Monochromacy



Original Color

143.2660, -101.2300, -26.6540

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8690, -36.5400, -9.5960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.2660, -101.2300, -26.6540 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, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(30, 188, 210)  
}
```

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, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 188, 210) }
```

Border

The CSS property to change the border of an element to YIQ 143.2660, -101.2300, -26.6540 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, 188, 210) }
```


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

```
.border{ border-color:rgb(30, 188, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(30, 188,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 143.2660, -101.2300, -26.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 188, 210) }
```

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

```
.background{ background-color: rgb(30, 188,  
210) }
```

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