

Converting Colors

YIQ(136.7300, -87.7970,
-22.3010)

Have a look what the booklet for
YIQ(136.7300, -87.7970, -22.3010)
contains.

YIQ(136.7300, -87.7970, -22.3010)	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(136.7300, -87.7970,
-22.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	27AFC4
RGB	39, 175, 196
RGB Percent	15%, 69%, 77%
CMY	0.8473, 0.3135, 0.2317
CMYK	0.80, 0.11, 0.00, 0.23
HSL	188°, 67%, 46%
HSV	188°, 80%, 77%
XYZ	26.1280, 35.0933, 57.5657
YIQ	136.7300, -87.7970, -22.3010

Conversions

Conversions Part 2

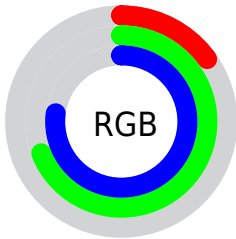
Format	Color
RYB	39, 112, 196
Decimal	2600900
CIELab	65.82, -27.57, -20.65
CIELCh	66, 34.446, 216.831
Yxy	35.0933, 0.2200, 0.2954
Android (android.graphics.Color)	4280790980 (0xFF27AFC4)
YUV	136.7300, 29.2201, -85.7092
Hunter-Lab	59.2396, -24.9406, -16.1469

Details

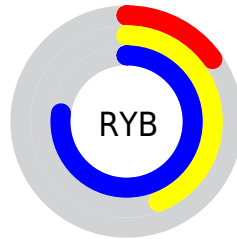
The YIQ color **136.7300, -87.7970, -22.3010** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **98.2700, 87.7970, 22.3010**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9270, -77.9860, -18.3860**, and **87.8020, -79.1320, -19.6440** is the 20% darker color. If you saturate the color by 10%, you get **128.9890, -98.8920, -24.9720**, and if you desaturate by 10%, it is **144.4710, -76.7020, -19.6300**.

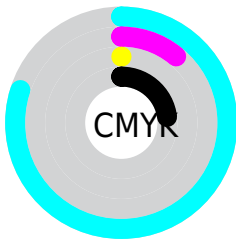
Distribution



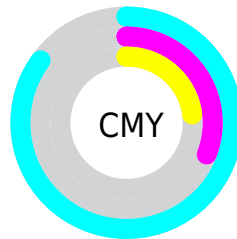
- Red (15%)
- Green (69%)
- Blue (77%)



- Red (15%)
- Yellow (44%)
- Blue (77%)



- Cyan (80%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7300, -87.7970, -22.3010 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 136.7300, -87.7970, -22.3010 by changing the saturation by 10% instead.

■ 136.7300,
-87.7970, -22.3010

■ 136.7300,
-87.7970, -22.3010

■ 255.0000, -0.0000,
-0.0000

■ 106.1420,
-94.9490, -24.8450

■ 197.9270,
-77.9860, -18.3860

■ 87.8020, -79.1320,
-19.6440

■ 221.5120,
-66.7520, -23.7440

■ 70.2770, -64.2320,
-14.3440

■ 230.7810,
-48.2760, -17.1720

■ 53.3390, -49.6070,
-9.5670

■ 239.7510,
-30.3960, -10.8120

■ 37.1020, -35.5780,
-5.0020

■ 248.7210,
-12.5160, -4.4520

■ 22.8540, -23.0160,
-1.3840

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 136.7300,
-87.7970, -22.3010

■ 136.7300,
-87.7970, -22.3010

■ 128.9890,
-98.8920, -24.9720

■ 144.4710,
-76.7020, -19.6300

■ 122.1340,
-109.6660, -27.9540

■ 151.3260,
-65.9280, -16.6480

■ 159.0670,
-54.8330, -13.9770

■ 165.9220,
-44.0590, -10.9950

■ 173.6630,
-32.9640, -8.3240

■ 181.1050,
-22.4650, -5.8650

■ 188.2590,
-11.0950, -2.6710

■ 196.0000, -0.0000,
-0.0000

■ 202.8550, 10.7740,
2.9820

Harmonies

Analogous

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



141.3610, -65.0090, -27.8010



136.7300, -87.7970, -22.3010



147.1380, -70.7900, -5.6220

Triad

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



136.7300, -87.7970, -22.3010



164.5650, 24.2950, 27.7750



157.1180, 28.2460, -16.3140

Complementary

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



136.7300, -87.7970, -22.3010



98.2700, 87.7970, 22.3010

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.



160.0050, 45.1620, -3.4940



136.7300, -87.7970, -22.3010



163.1680, 44.2860, 23.4060

Square

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



136.7300, -87.7970, -22.3010



163.0160, -4.9560, 23.7480



161.1990, 51.0280, 11.3480



153.4890, 1.9760, -24.8080

Rectangle

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



136.7300, -87.7970, -22.3010



154.6510, -49.8850, 6.4910



161.1990, 51.0280, 11.3480



158.3470, 35.0310, -12.6250

Sweetspot

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



136.7300, -87.7970, -22.3010



232.0650, -34.1560, -8.7480



133.2110, -48.9530, -76.5130



114.0020, -20.6770, -5.2290



0.0000, 0.0000, 0.0000



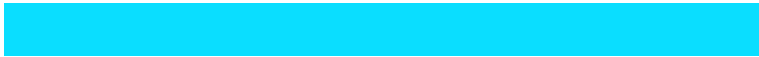
128.0000, -0.0000, -0.0000

Same Dimension

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



136.7300, -87.7970, -22.3010



162.3740, -136.9450, -34.6810



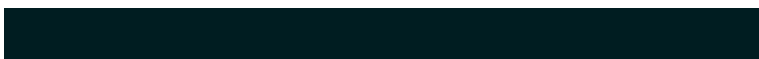
92.1180, -66.8970, 17.4470



93.4230, -5.6850, -1.5970



99.9470, -89.9060, -22.6260



20.7850, -18.5680, -4.9040

Inverse Universe

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



101.4470, 49.9160, 75.5800



107.4230, 77.9680, 117.8720



142.8820, 66.8970, -17.4470



91.0160, 3.0710, 4.9190



63.9850, 51.3370, 77.3610



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 136.7300, -87.7970, -22.3010 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 136.7300, -87.7970, -22.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

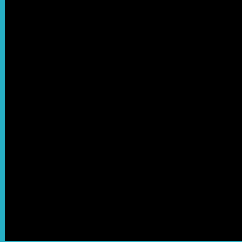
Any Text WCAG AA ✓ Pass

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 136.7300, -87.7970, -22.3010 Background



This preview shows how black text looks on a background with the YIQ color 136.7300, -87.7970, -22.3010.



This preview shows how white text looks on a background with the YIQ color 136.7300, -87.7970, -22.3010.

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

136.7300, -87.7970, -22.3010

Protanopia

159.1810, -10.4550, 7.7610

Deuteranopia

160.1190, -15.9120, 13.0480



Tritanopia

134.8390, -89.7220, -25.9620

Trichromacy



Original Color

136.7300, -87.7970, -22.3010

Protanomaly

151.1880, -38.6960, -3.5600

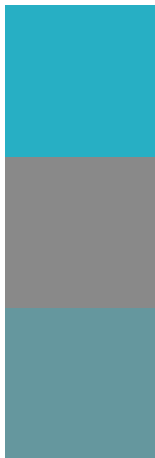
Deuteranomaly

151.8550, -41.9520, 0.3840

Tritanomaly

135.6650, -89.1720, -24.9160

Monochromacy



Original Color

136.7300, -87.7970, -22.3010

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8480, -32.0470, -8.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7300, -87.7970, -22.3010 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(39, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(39, 175, 196)  
}
```

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(39, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 175, 196) }
```

Border

The CSS property to change the border of an element to YIQ 136.7300, -87.7970, -22.3010 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(39, 175, 196) }
```


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

```
.border{ border-color:rgb(39, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(39, 175,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7300, -87.7970, -22.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 175, 196) }
```

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

```
.background{ background-color: rgb(39, 175,  
196) }
```

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