

Converting Colors

YIQ(126.7840, -71.8350,
-58.2910)

Have a look what the booklet for
YIQ(126.7840, -71.8350, -58.2910)
contains.

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Color

**YIQ(126.7840, -71.8350,
-58.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	16B86B
RGB	22, 184, 107
RGB Percent	9%, 72%, 42%
CMY	0.9141, 0.2782, 0.5806
CMYK	0.88, 0.00, 0.42, 0.28
HSL	151°, 79%, 40%
HSV	151°, 88%, 72%
XYZ	20.1339, 35.5388, 19.6926
YIQ	126.7840, -71.8350, -58.2910

Conversions

Conversions Part 2

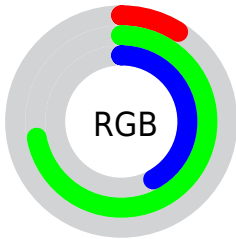
Format	Color
R_{YB}	22, 128, 184
Decimal	1489003
CIE _{Lab}	66.17, -56.11, 28.56
CIE _{LCh}	66, 62.958, 153.021
Yxy	35.5388, 0.2672, 0.4716
Android (android.graphics.Color)	4279679083 (0xFF16B86B)
YUV	126.7840, -9.7535, -91.8956
Hunter-Lab	59.6145, -44.0397, 22.1447

Details

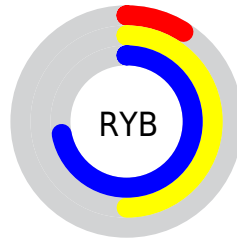
The YIQ color **126.7840, -71.8350, -58.2910** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **79.2160, 71.8350, 58.2910**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.7920, -57.1180, -55.1820**, and **82.3350, -54.0930, -49.4290** is the 20% darker color. If you saturate the color by 10%, you get **120.0770, -80.2700, -65.1180**, and if you desaturate by 10%, it is **133.1920, -63.9960, -51.6760**.

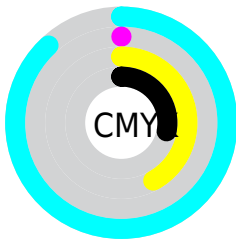
Distribution



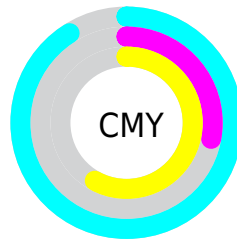
- Red (9%)
- Green (72%)
- Blue (42%)



- Red (9%)
- Yellow (50%)
- Blue (72%)



- Cyan (88%)
- Magenta (0%)
- Yellow (42%)
- Black (28%)



- Cyan (91%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7840, -71.8350, -58.2910 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 126.7840, -71.8350, -58.2910 by changing the saturation by 10% instead.

■ 126.7840,
-71.8350, -58.2910

■ 126.7840,
-71.8350, -58.2910

■ 255.0000, -0.0000,
-0.0000

■ 100.9200,
-69.2220, -56.0860

■ 189.7920,
-57.1180, -55.1820

■ 82.9220, -54.3680,
-49.9520

■ 210.3570,
-51.1590, -47.5350

■ 64.4510, -39.5600,
-42.9840

■ 222.5190,
-42.2670, -32.4670

■ 47.0400, -24.9810,
-37.3730

■ 234.7950,
-33.6960, -17.0880

■ 31.6980, -14.8500,
-28.2420

■ 245.1330,
-19.6680, -6.9960

■ 17.6100, -8.2500,
-15.6900

254.4020, -1.1920,

■ 0.0000, 0.0000,

-0.4240

0.0000

■ 126.7840,
-71.8350, -58.2910

■ 126.7840,
-71.8350, -58.2910

■ 120.0770,
-80.2700, -65.1180

■ 133.1920,
-63.9960, -51.6760

■ 119.0660,
-81.7370, -66.0650

■ 139.7850,
-55.2400, -45.1600

■ 146.1930,
-47.4010, -38.5450

■ 152.9000,
-38.9660, -31.7180

■ 159.3080,
-31.1270, -25.1030

■ 165.6020,
-22.9670, -18.7990

■ 172.3090,
-14.5320, -11.9720

■ 178.7170, -6.6930,
-5.3570

■ 185.4240, 1.7420,
1.4700

Harmonies

Analogous

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



147.3100, 8.9490, -46.5630



126.7840, -71.8350, -58.2910



129.1660, -104.6650, -47.0090

Triad

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



126.7840, -71.8350, -58.2910



125.9250, -127.2300, -6.9900



156.5520, 87.0630, 24.5910

Complementary

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



126.7840, -71.8350, -58.2910



79.2160, 71.8350, 58.2910

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.



156.9520, 72.1580, 46.9260



126.7840, -71.8350, -58.2910



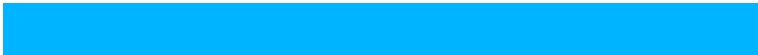
163.5420, -20.4560, 40.3440

Square

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



126.7840, -71.8350, -58.2910



134.7300, -131.3550, -14.8350



164.1010, 38.3660, 53.6140



156.8610, 80.5580, -6.2100

Rectangle

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



126.7840, -71.8350, -58.2910



133.4980, -116.8630, -35.1910



164.1010, 38.3660, 53.6140



155.0820, 82.9350, 33.3270

Sweetspot

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



126.7840, -71.8350, -58.2910



217.7430, -27.9180, -22.6860



140.4160, 1.9380, -68.1900



106.8850, -16.2740, -13.4420



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



126.7840, -71.8350, -58.2910



155.2440, -106.4460, -86.3340



133.8010, -95.7270, -32.7750



88.7390, -3.7590, -3.4630



100.9200, -69.2220, -56.0860



18.1460, -12.5150, -9.9790

Inverse Universe

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



79.2160, 71.8350, 58.2910



84.7560, 106.4460, 86.3340



72.1990, 95.7270, 32.7750



86.1470, 4.0800, 3.1520



55.0800, 69.2220, 56.0860



9.8540, 12.5150, 9.9790

Previews

White Background



This preview shows how the YIQ color 126.7840, -71.8350, -58.2910 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 126.7840, -71.8350, -58.2910 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 126.7840, -71.8350, -58.2910 Background



This preview shows how black text looks on a background with the YIQ color 126.7840, -71.8350, -58.2910.



This preview shows how white text looks on a background with the YIQ color 126.7840, -71.8350, -58.2910.

-58.2910.

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

126.7840, -71.8350, -58.2910

Protanopia

157.0040, 28.5670, -16.6250

Deuteranopia

159.3180, 33.9750, -4.4970



Tritanopia

145.2010, -67.0740, -17.9060

Trichromacy



Original Color

126.7840, -71.8350, -58.2910



Protanomaly

146.2980, -7.9720, -31.7480



Deuteranomaly

147.1940, -4.4430, -24.1150



Tritanomaly

138.4590, -68.4010, -32.4090

Monochromacy



Original Color

126.7840, -71.8350, -58.2910



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.1670, -26.1760, -21.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7840, -71.8350, -58.2910 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(22, 184, 107)` looks like.

```
.text, #text, p{  
    color:rgb(22, 184, 107)  
}
```

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(22, 184, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 184, 107) }
```

Border

The CSS property to change the border of an element to YIQ 126.7840, -71.8350, -58.2910 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(22, 184, 107) }
```


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

```
.border{ border-color:rgb(22, 184, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 184, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 184, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 184, 107);  
box-shadow:4px 4px 4px 4px rgb(22, 184,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7840, -71.8350, -58.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 184, 107) }
```

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

```
.background{ background-color: rgb(22, 184,  
107) }
```

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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