

Converting Colors

YIQ(171.5060, -103.2870,
-60.9750)

Have a look what the booklet for
YIQ(171.5060, -103.2870, -60.9750)
contains.

YIQ(171.5060, -103.2870, -60.9750)	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(171.5060, -103.2870,
-60.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	23EFB6
RGB	35, 239, 182
RGB Percent	14%, 94%, 71%
CMY	0.8632, 0.0624, 0.2866
CMYK	0.85, 0.00, 0.24, 0.06
HSL	163°, 87%, 54%
HSV	163°, 85%, 94%
XYZ	40.0141, 65.5117, 54.7415
YIQ	171.5060, -103.2870, -60.9750

Conversions

Conversions Part 2

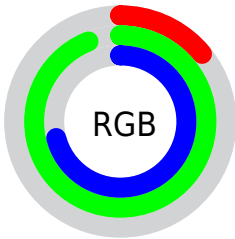
Format	Color
R_{YB}	35, 154, 239
Decimal	2355126
CIE _{Lab}	84.75, -59.51, 14.67
CIE _{LCh}	85, 61.296, 166.153
Yxy	65.5117, 0.2497, 0.4088
Android (android.graphics.Color)	4280545206 (0xFF23EFB6)
YUV	171.5060, 5.1735, -119.7158
Hunter-Lab	80.9393, -53.3985, 16.5580

Details

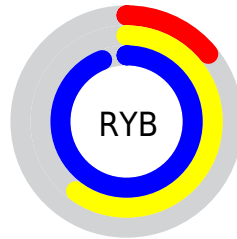
The YIQ color **171.5060, -103.2870, -60.9750** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **102.4940, 103.2870, 60.9750**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.6970, -75.0030, -33.9070**, and **121.5400, -91.4590, -55.0670** is the 20% darker color. If you saturate the color by 10%, you get **163.5320, -115.3440, -68.2400**, and if you desaturate by 10%, it is **179.4800, -91.2300, -53.7100**.

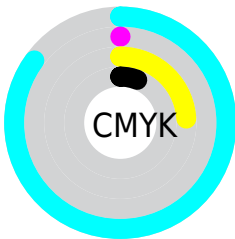
Distribution



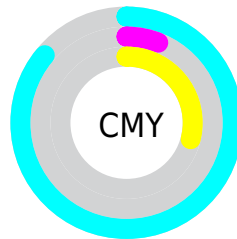
- Red (14%)
- Green (94%)
- Blue (71%)



- Red (14%)
- Yellow (60%)
- Blue (94%)



- Cyan (85%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (86%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5060, -103.2870, -60.9750 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 171.5060, -103.2870, -60.9750 by changing the saturation by 10% instead.

■ 171.5060,
-103.2870, -60.9750

■ 171.5060,
-103.2870, -60.9750

■ 255.0000, -0.0000,
-0.0000

■ 140.9400,
-107.5050, -61.6250

■ 212.6970,
-75.0030, -33.9070

■ 121.5400,
-91.4590, -55.0670

■ 224.5020,
-60.7920, -21.6240

■ 102.2540,
-75.7340, -48.1980

■ 234.0700,
-41.7200, -14.8400

■ 83.6690, -60.6050,
-41.5410

■ 243.6380,
-22.6480, -8.0560

■ 65.6710, -45.7510,
-35.4070

■ 252.9070, -4.1720,
-1.4840

■ 48.0150, -31.8600,
-28.3400

■ 32.0060, -18.4730,

-23.1530

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 171.5060,
-103.2870, -60.9750

■ 171.5060,
-103.2870, -60.9750

■ 163.5320,
-115.3440, -68.2400

■ 179.4800,
-91.2300, -53.7100

■ 159.9010,
-120.9370, -71.5050

■ 187.3400,
-78.8520, -46.7560

■ 195.3140,
-66.7950, -39.4910

■ 203.2880,
-54.7380, -32.2260

■ 210.8490,
-42.9560, -25.4840

■ 218.8230,
-30.8990, -18.2190

■ 226.7970,
-18.8420, -10.9540

■ 234.6570, -6.4640,
-4.0000

■ 242.6310, 5.5930,
3.2650

Harmonies

Analogous

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



195.3270, -16.0840, -49.9400



171.5060, -103.2870, -60.9750



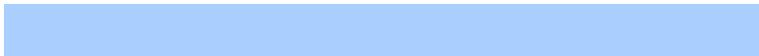
169.0550, -143.9570, -50.7810

Triad

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



171.5060, -103.2870, -60.9750



201.4090, -37.4600, 7.0840



195.5510, 61.3000, 1.3960

Complementary

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



171.5060, -103.2870, -60.9750



102.4940, 103.2870, 60.9750

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.



192.6740, 48.7330, 25.4130



171.5060, -103.2870, -60.9750



213.3230, 19.5250, 37.1330

Square

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



171.5060, -103.2870, -60.9750



161.1450, -143.7300, -38.3700



201.1610, 28.9690, 42.1930



204.1160, 66.1180, -19.8500

Rectangle

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



171.5060, -103.2870, -60.9750



169.3630, -147.5800, -45.6920



201.1610, 28.9690, 42.1930



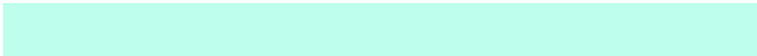
193.2660, 58.0890, 10.0330

Sweetspot

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



171.5060, -103.2870, -60.9750



233.1000, -33.2370, -19.9010



172.0900, -21.5320, -94.3960



114.6720, -19.9880, -12.2120



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.



171.5060, -103.2870, -60.9750



170.6610, -129.1890, -76.1410



152.1760, -109.4840, -20.2360



115.9560, -5.8680, -3.7880



123.0560, -92.9720, -55.1800



37.4320, -28.2400, -16.8480

Inverse Universe

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



102.4940, 103.2870, 60.9750



84.3390, 129.1890, 76.1410



121.8240, 109.4840, 20.2360



111.9300, 6.1890, 3.4770



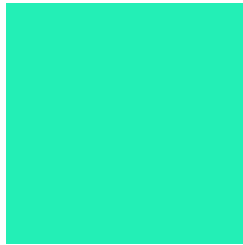
60.8300, 93.2930, 54.8690



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 171.5060, -103.2870, -60.9750 looks on a white background.

Color Contrast Check

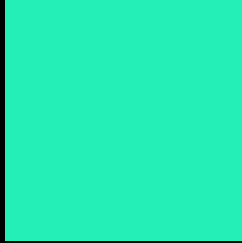
Large Text (above 18pt) WCAG AA × Fail

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 171.5060, -103.2870, -60.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

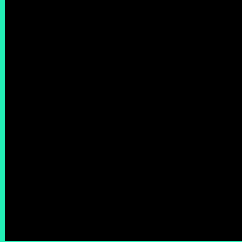
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

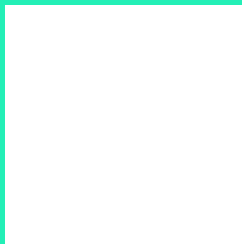
Any Text WCAG AAA ✓ Pass

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

YIQ 171.5060, -103.2870, -60.9750 Background



This preview shows how black text looks on a background with the YIQ color 171.5060, -103.2870, -60.9750.



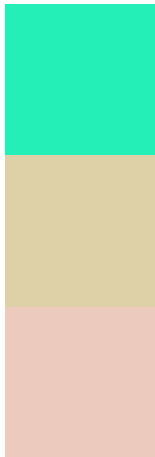
This preview shows how white text looks on a background with the YIQ color 171.5060, -103.2870, -60.9750.

-60.9750.

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

171.5060, -103.2870, -60.9750

Protanopia

208.3980, 21.8260, -10.0940

Deuteranopia

211.0970, 24.7120, 3.6880



Tritanopia

187.9140, -94.3070, -25.4670

Trichromacy



Original Color

171.5060, -103.2870, -60.9750



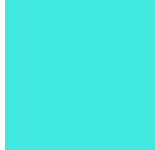
Protanomaly

195.0930, -23.3320, -28.7080



Deuteranomaly

196.2600, -22.0040, -19.7320



Tritanomaly

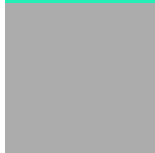
181.8560, -97.5600, -38.1040

Monochromacy



Original Color

171.5060, -103.2870, -60.9750



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.5940, -37.6840, -21.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5060, -103.2870, -60.9750 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(35, 239, 182)` looks like.

```
.text, #text, p{  
    color:rgb(35, 239, 182)  
}
```

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(35, 239, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 239, 182) }
```

Border

The CSS property to change the border of an element to YIQ 171.5060, -103.2870, -60.9750 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(35, 239, 182) }
```


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

```
.border{ border-color:rgb(35, 239, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 239, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 239, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 239, 182);  
box-shadow:4px 4px 4px 4px rgb(35, 239,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5060, -103.2870, -60.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 239, 182) }
```

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

```
.background{ background-color: rgb(35, 239,  
182) }
```

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