

Converting Colors

YIQ(126.3060, -72.3440,
-32.5360)

Have a look what the booklet for
YIQ(126.3060, -72.3440, -32.5360)
contains.

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Color

**YIQ(126.3060, -72.3440,
-32.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	25A797
RGB	37, 167, 151
RGB Percent	15%, 65%, 59%
CMY	0.8552, 0.3449, 0.4081
CMYK	0.78, 0.00, 0.10, 0.34
HSL	173°, 64%, 40%
HSV	173°, 78%, 66%
XYZ	20.1690, 30.2813, 34.0302
YIQ	126.3060, -72.3440, -32.5360

Conversions

Conversions Part 2

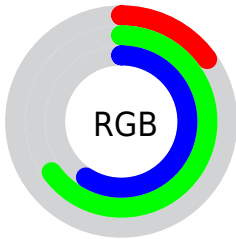
Format	Color
RYB	37, 106, 167
Decimal	2467735
CIELab	61.90, -37.53, -1.42
CIELCh	62, 37.556, 182.171
Yxy	30.2813, 0.2387, 0.3584
Android (android.graphics.Color)	4280657815 (0xFF25A797)
YUV	126.3060, 12.1741, -78.3214
Hunter-Lab	55.0285, -30.8762, 1.8544

Details

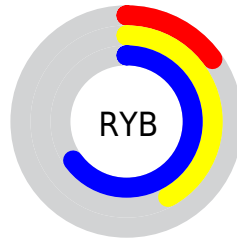
The YIQ color **126.3060, -72.3440, -32.5360** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **77.6940, 72.3440, 32.5360**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6660, -64.5500, -30.6140**, and **78.3180, -63.4500, -28.5220** is the 20% darker color. If you saturate the color by 10%, you get **120.9950, -81.8340, -36.7620**, and if you desaturate by 10%, it is **131.6170, -62.8540, -28.3100**.

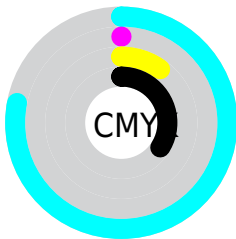
Distribution



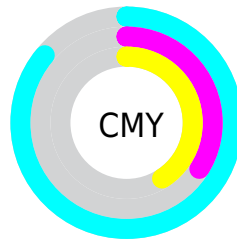
- Red (15%)
- Green (65%)
- Blue (59%)



- Red (15%)
- Yellow (42%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3060, -72.3440, -32.5360 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 126.3060, -72.3440, -32.5360 by changing the saturation by 10% instead.

■ 126.3060,
-72.3440, -32.5360

■ 126.3060,
-72.3440, -32.5360

■ 255.0000, -0.0000,
-0.0000

■ 96.4300, -78.6250,
-34.3450

■ 185.6660,
-64.5500, -30.6140

■ 78.3180, -63.4500,
-28.5220

■ 214.8510,
-63.6330, -30.7130

■ 60.9070, -48.8710,
-22.9110

■ 227.7910,
-54.2360, -19.2920

■ 44.3110, -35.2090,
-17.2010

■ 236.7610,
-36.3560, -12.9320

■ 28.3020, -21.8220,
-12.0140

■ 245.7310,
-18.4760, -6.5720

■ 8.7710, -6.7850,
-3.6890

254.7010, -0.5960,

■ 0.0000, 0.0000,

-0.2120

0.0000

■ 126.3060,
-72.3440, -32.5360

■ 126.3060,
-72.3440, -32.5360

■ 120.9950,
-81.8340, -36.7620

■ 131.6170,
-62.8540, -28.3100

■ 115.9830,
-90.7280, -40.7760

■ 136.6290,
-53.9600, -24.2960

■ 114.6730,
-92.7910, -41.9350

■ 141.9400,
-44.4700, -20.0700

■ 147.2510,
-34.9800, -15.8440

■ 152.2630,
-26.0860, -11.8300

■ 157.5740,
-16.5960, -7.6040

■ 162.8850, -7.1060,
-3.3780

■ 168.1960, 2.3840,
0.8480

■ 173.3220, 10.9570,
5.1730

Harmonies

Analogous

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



137.4130, -27.2290, -29.6690



126.3060, -72.3440, -32.5360



118.4180, -104.7140, -29.5940

Triad

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



126.3060, -72.3440, -32.5360



152.3080, -11.6500, 23.9180



149.3970, 49.9300, -1.7980

Complementary

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



126.3060, -72.3440, -32.5360



77.6940, 72.3440, 32.5360

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.



151.1610, 54.1910, 14.5990



126.3060, -72.3440, -32.5360



154.0640, 21.4520, 29.7400

Square

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



126.3060, -72.3440, -32.5360



144.6450, -49.7480, 9.5160



152.4610, 45.0190, 26.6430



146.4560, 33.1060, -16.2860

Rectangle

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



126.3060, -72.3440, -32.5360



118.5950, -109.3460, -22.7380



152.4610, 45.0190, 26.6430



149.9400, 52.9550, 3.9550

Sweetspot

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



126.3060, -72.3440, -32.5360



201.3660, -27.8740, -12.4660



118.3930, -25.6180, -64.3860



100.2750, -17.1920, -7.8160



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.3060, -72.3440, -32.5360



153.7520, -112.3670, -50.5990



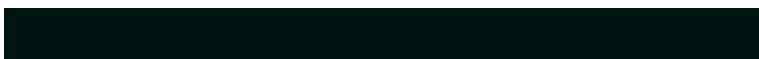
99.9540, -64.2800, -2.4560



81.4940, -4.4470, -2.0070



101.6960, -82.4300, -36.9740



13.7920, -11.2780, -4.8620

Inverse Universe

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



77.6940, 72.3440, 32.5360



78.2480, 112.3670, 50.5990



104.0460, 64.2800, 2.4560



78.5060, 4.4470, 2.0070



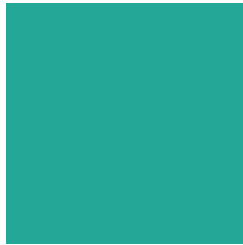
46.3040, 82.4300, 36.9740



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 126.3060, -72.3440, -32.5360 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 126.3060, -72.3440, -32.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

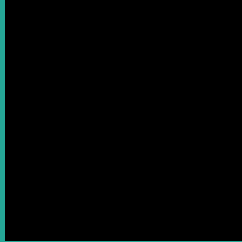
Any Text WCAG AA ✓ Pass

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 126.3060, -72.3440, -32.5360 Background



This preview shows how black text looks on a background with the YIQ color 126.3060, -72.3440, -32.5360.



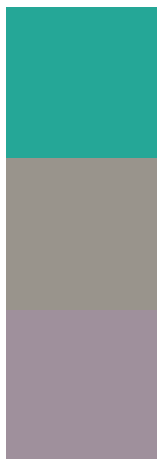
This preview shows how white text looks on a background with the YIQ color 126.3060, -72.3440, -32.5360.

-32.5360.

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

126.3060, -72.3440, -32.5360

Protanopia

148.5830, 5.5480, -1.4280

Deuteranopia

149.8530, 5.0880, 6.9120



Tritanopia

132.0050, -69.4580, -18.7540

Trichromacy



Original Color

126.3060, -72.3440, -32.5360

Protanomaly

140.5900, -22.6930, -12.7490

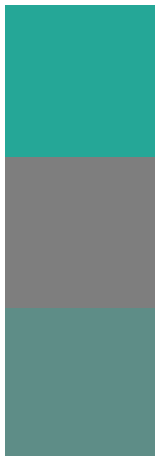
Deuteranomaly

141.1650, -22.6940, -7.2220

Tritanomaly

129.7720, -70.4200, -23.3480

Monochromacy



Original Color

126.3060, -72.3440, -32.5360

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2630, -26.0860, -11.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3060, -72.3440, -32.5360 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(37, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(37, 167, 151)  
}
```

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(37, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 167, 151) }
```

Border

The CSS property to change the border of an element to YIQ 126.3060, -72.3440, -32.5360 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(37, 167, 151) }
```


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

```
.border{ border-color:rgb(37, 167, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 167, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(37, 167,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3060, -72.3440, -32.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 167, 151) }
```

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

```
.background{ background-color: rgb(37, 167,  
151) }
```

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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