

Converting Colors

YIQ(126.6960, -73.2620,
-26.9100)

Have a look what the booklet for
YIQ(126.6960, -73.2620, -26.9100)
contains.

YIQ(126.6960, -73.2620, -26.9100)	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(126.6960, -73.2620,
-26.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	28A4A2
RGB	40, 164, 162
RGB Percent	16%, 64%, 64%
CMY	0.8434, 0.3566, 0.3650
CMYK	0.76, 0.00, 0.01, 0.36
HSL	179°, 61%, 40%
HSV	179°, 76%, 64%
XYZ	20.6720, 29.6252, 38.7768
YIQ	126.6960, -73.2620, -26.9100

Conversions

Conversions Part 2

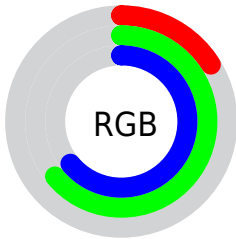
Format	Color
R_{YB}	40, 103, 164
Decimal	2663586
CIE _{Lab}	61.33, -32.63, -8.44
CIE _{LCh}	61, 33.701, 194.499
Yxy	29.6252, 0.2321, 0.3326
Android (android.graphics.Color)	4280853666 (0xFF28A4A2)
YUV	126.6960, 17.4049, -76.0324
Hunter-Lab	54.4290, -27.4571, -4.1395

Details

The YIQ color **126.6960, -73.2620, -26.9100** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **77.3040, 73.2620, 26.9100**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.2840, -66.1100, -24.3660**, and **78.2840, -66.1100, -24.3660** is the 20% darker color. If you saturate the color by 10%, you get **121.9120, -82.7980, -30.3020**, and if you desaturate by 10%, it is **131.4800, -63.7260, -23.5180**.

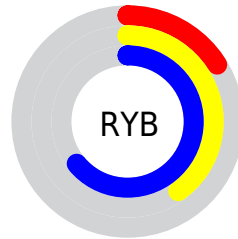
Distribution



Red (16%)

Green (64%)

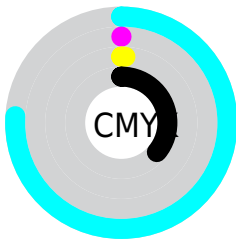
Blue (64%)



Red (16%)

Yellow (40%)

Blue (64%)

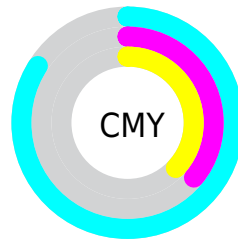


Cyan (76%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (84%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.6960, -73.2620, -26.9100 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 126.6960, -73.2620, -26.9100 by changing the saturation by 10% instead.


 126.6960,
-73.2620, -26.9100


 126.6960,
-73.2620, -26.9100


255.0000, -0.0000,
-0.0000


 95.9230, -81.3310,
-29.3550


 185.8710,
-66.3850, -24.8890


 78.2840, -66.1100,
-24.3660


 214.4690,
-65.1930, -24.4650

 60.8730, -51.5310,
-18.7550


 228.3890,
-53.0440, -18.8680

 44.1630, -37.5480,
-13.3560

 237.3590,
-35.1640, -12.5080

 28.1540, -24.1610,
-8.1690

 246.3290,
-17.2840, -6.1480

 8.2640, -9.4910,
1.3010

 0.0000, 0.0000,

0.0000

■ 126.6960,
-73.2620, -26.9100

■ 126.6960,
-73.2620, -26.9100

■ 121.9120,
-82.7980, -30.3020

■ 131.4800,
-63.7260, -23.5180

■ 116.7150,
-92.6090, -34.2170

■ 136.5630,
-53.5940, -19.9140

■ 114.6220,
-96.7810, -35.7010

■ 141.4610,
-44.3790, -16.2110

■ 146.5440,
-34.2470, -12.6070

■ 151.3280,
-24.7110, -9.2150

■ 156.2260,
-15.4960, -5.5120

■ 161.3090, -5.3640,
-1.9080

■ 166.0930, 4.1720,
1.4840

■ 171.1760, 14.3040,
5.0880

Harmonies

Analogous

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



135.1330, -38.0040, -27.1240



126.6960, -73.2620, -26.9100



124.7130, -89.1270, -20.2230

Triad

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



126.6960, -73.2620, -26.9100



151.8490, 2.8840, 24.8360



147.2600, 39.8900, -7.0700

Complementary

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



126.6960, -73.2620, -26.9100



77.3040, 73.2620, 26.9100

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.



149.0090, 48.5070, 7.4750



126.6960, -73.2620, -26.9100



151.9630, 28.9260, 26.4460

Square

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



126.6960, -73.2620, -26.9100



147.7570, -29.3920, 15.0560



150.3590, 45.0660, 20.2820



144.5300, 21.0940, -18.8580

Rectangle

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



126.6960, -73.2620, -26.9100



133.6000, -72.2110, -7.4030



150.3590, 45.0660, 20.2820



147.7600, 44.4740, -2.0380

Sweetspot

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



126.6960, -73.2620, -26.9100



199.2350, -28.8830, -10.6990



113.9840, -31.7160, -64.0040



98.0300, -17.8800, -6.3600



235.0000, 0.0000, -0.0000



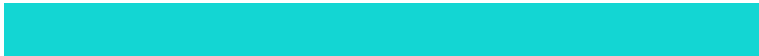
107.0000, -0.0000, 0.0000

Same Dimension

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



126.6960, -73.2620, -26.9100



155.3530, -115.2570, -42.2730



92.8780, -57.9540, 4.0460



79.1950, -5.0430, -2.2190



101.4170, -85.7780, -31.3620



12.6180, -10.7280, -3.8160

Inverse Universe

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



77.3040, 73.2620, 26.9100



77.7610, 114.9360, 42.5840



111.1220, 57.9540, -4.0460



75.8050, 5.0430, 2.2190



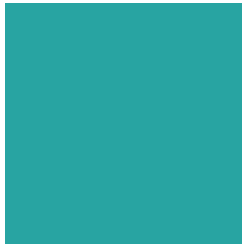
43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 126.6960, -73.2620, -26.9100 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6960, -73.2620, -26.9100 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

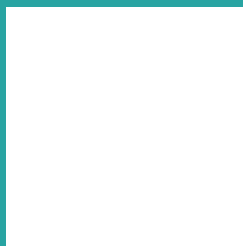
Any Text WCAG AAA × Fail

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

YIQ 126.6960, -73.2620, -26.9100 Background



This preview shows how black text looks on a background with the YIQ color 126.6960, -73.2620, -26.9100.



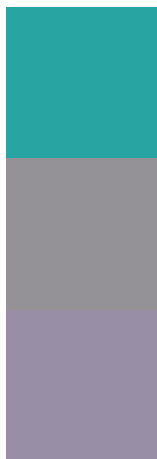
This preview shows how white text looks on a background with the YIQ color 126.6960, -73.2620, -26.9100.

-26.9100.

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

126.6960, -73.2620, -26.9100

Protanopia

147.1680, -0.4130, 1.9790

Deuteranopia

148.3130, -2.0190, 9.0610



Tritanopia

129.6950, -71.5210, -19.9130

Trichromacy



Original Color

126.6960, -73.2620, -26.9100



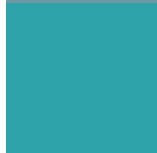
Protanomaly

140.0720, -26.8660, -8.7060



Deuteranomaly

140.6360, -28.3340, -4.1260



Tritanomaly

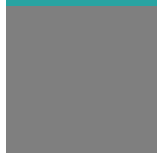
128.8150, -71.9790, -22.6270

Monochromacy



Original Color

126.6960, -73.2620, -26.9100



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

126.5450, -26.8200, -9.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6960, -73.2620, -26.9100 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(40, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(40, 164, 162)  
}
```

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(40, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 164, 162) }
```

Border

The CSS property to change the border of an element to YIQ 126.6960, -73.2620, -26.9100 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(40, 164, 162) }
```


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

```
.border{ border-color:rgb(40, 164, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(40, 164,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6960, -73.2620, -26.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 164, 162) }
```

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

```
.background{ background-color: rgb(40, 164,  
162) }
```

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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