

Converting Colors

YIQ(174.2690, -61.7540,
-26.2180)

Have a look what the booklet for
YIQ(174.2690, -61.7540, -26.2180)
contains.

YIQ(174.2690, -61.7540, -26.2180)	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(174.2690, -61.7540,
-26.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	63D0C6
RGB	99, 208, 198
RGB Percent	39%, 82%, 78%
CMY	0.6120, 0.1841, 0.2238
CMYK	0.52, 0.00, 0.05, 0.18
HSL	174°, 54%, 60%
HSV	174°, 52%, 82%
XYZ	37.8913, 51.8573, 61.4019
YIQ	174.2690, -61.7540, -26.2180

Conversions

Conversions Part 2

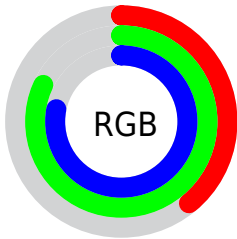
Format	Color
RYB	99, 156, 208
Decimal	6541510
CIELab	77.20, -33.71, -4.55
CIELCh	77, 34.020, 187.693
Yxy	51.8573, 0.2507, 0.3431
Android (android.graphics.Color)	4284731590 (0xFF63D0C6)
YUV	174.2690, 11.6994, -66.0109
Hunter-Lab	72.0120, -32.0980, -0.1458

Details

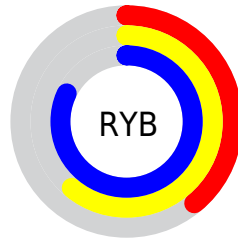
The YIQ color **174.2690, -61.7540, -26.2180** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.7310, 61.7540, 26.2180**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9970, -57.8120, -20.5640**, and **115.4960, -69.8230, -28.6630** is the 20% darker color. If you saturate the color by 10%, you get **167.7620, -73.6280, -31.2920**, and if you desaturate by 10%, it is **180.7760, -49.8800, -21.1440**.

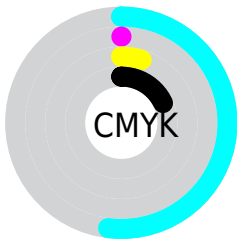
Distribution



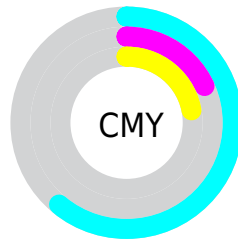
- Red (39%)
- Green (82%)
- Blue (78%)



- Red (39%)
- Yellow (61%)
- Blue (82%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (61%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.2690, -61.7540, -26.2180 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 174.2690, -61.7540, -26.2180 by changing the saturation by 10% instead.

■ 174.2690,
-61.7540, -26.2180

■ 174.2690,
-61.7540, -26.2180

■ 255.0000, -0.0000,
-0.0000

■ 145.4860,
-63.8630, -26.5430

■ 225.9970,
-57.8120, -20.5640

■ 115.4960,
-69.8230, -28.6630

■ 234.6680,
-40.5280, -14.4160

■ 88.1150, -73.1240,
-29.4120

■ 243.3390,
-23.2440, -8.2680

■ 70.0030, -57.9490,
-23.5890

■ 252.3090, -5.3640,
-1.9080

■ 53.1790, -43.6450,
-18.5010

■ 36.5830, -29.9830,
-12.7910

■ 22.4490, -17.7420,

-8.8620

■ 0.0000, 0.0000,
0.0000

■ 174.2690,
-61.7540, -26.2180

■ 174.2690,
-61.7540, -26.2180

■ 167.7620,
-73.6280, -31.2920

■ 180.7760,
-49.8800, -21.1440

■ 161.2550,
-85.5020, -36.3660

■ 187.2830,
-38.0060, -16.0700

■ 155.0470,
-96.7800, -41.2280

■ 193.4910,
-26.7280, -11.2080

■ 148.5400,
-108.6540, -46.3020

■ 199.9980,
-14.8540, -6.1340

■ 143.6420,
-117.8690, -50.0050

■ 206.5050, -2.9800,
-1.0600

■ 213.0120, 8.8940,
4.0140

■ 219.4050, 21.0890,
8.7770

■ 222.6230, 26.4070,
11.5190

■ 222.8510, 25.7650,
12.1410

Harmonies

Analogous

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



179.6130, -30.6680, -27.9160



174.2690, -61.7540, -26.2180



172.9270, -77.9860, -18.3860

Triad

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



174.2690, -61.7540, -26.2180



194.4290, -4.6810, 24.2710



191.0760, 46.4000, -3.9040

Complementary

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



174.2690, -61.7540, -26.2180



132.7310, 61.7540, 26.2180

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.



192.6830, 52.5410, 11.4610



174.2690, -61.7540, -26.2180



195.1630, 25.4870, 28.1990

Square

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



174.2690, -61.7540, -26.2180



189.0980, -37.7820, 12.9220



194.6520, 45.7990, 23.5190



188.0040, 28.5670, -16.6250

Rectangle

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



174.2690, -61.7540, -26.2180



177.3610, -73.0360, -8.9720



194.6520, 45.7990, 23.5190



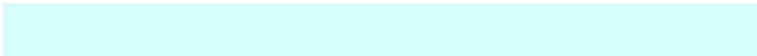
191.3910, 50.0670, 1.2270

Sweetspot

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



174.2690, -61.7540, -26.2180



242.2850, -23.1520, -9.9360



166.2720, -23.4190, -54.6750



120.1830, -13.9370, -6.2330



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.



174.2690, -61.7540, -26.2180



205.1510, -91.1410, -38.7970



149.5810, -52.8640, -0.0960



101.5970, -6.2350, -2.6430



116.0580, -95.3130, -40.2810



28.2850, -23.1520, -9.9360

Inverse Universe

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



132.7310, 61.7540, 26.2180



143.8490, 91.1410, 38.7970



157.4190, 52.8640, 0.0960



97.4030, 6.2350, 2.6430



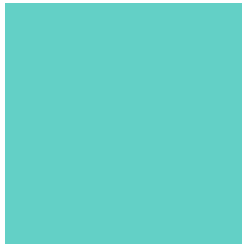
52.0560, 94.9920, 40.5920



12.7150, 23.1520, 9.9360

Previews

White Background



This preview shows how the YIQ color 174.2690, -61.7540, -26.2180 looks on a white background.

Color Contrast Check

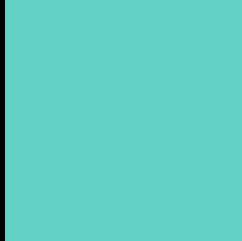
Large Text (above 18pt) WCAG AA × Fail

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 174.2690, -61.7540, -26.2180 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

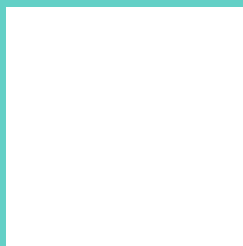
Any Text WCAG AAA ✓ Pass

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

YIQ 174.2690, -61.7540, -26.2180 Background



This preview shows how black text looks on a background with the YIQ color 174.2690, -61.7540, -26.2180.

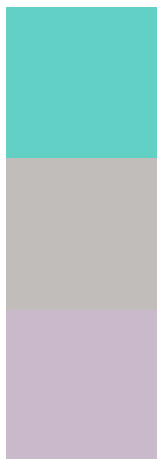


This preview shows how white text looks on a background with the YIQ color 174.2690, -61.7540, -26.2180.

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

174.2690, -61.7540, -26.2180

Protanopia

189.9680, 3.0260, 0.2260

Deuteranopia

191.5480, 4.6290, 9.7250



Tritanopia

177.5220, -63.5440, -15.8000

Trichromacy



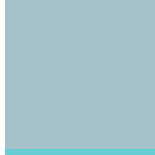
Original Color

174.2690, -61.7540, -26.2180



Protanomaly

184.3670, -20.4470, -9.3990



Deuteranomaly

185.5400, -19.2560, -3.4480



Tritanomaly

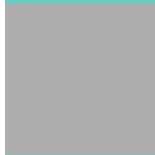
176.3000, -63.0390, -19.4470

Monochromacy



Original Color

174.2690, -61.7540, -26.2180



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

173.9970, -22.2810, -9.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2690, -61.7540, -26.2180 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(99, 208, 198)` looks like.

```
.text, #text, p{  
    color:rgb(99, 208, 198)  
}
```

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(99, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 208, 198) }
```

Border

The CSS property to change the border of an element to YIQ 174.2690, -61.7540, -26.2180 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(99, 208, 198) }
```


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

```
.border{ border-color:rgb(99, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(99, 208,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2690, -61.7540, -26.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 208, 198) }
```

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

```
.background{ background-color: rgb(99, 208,  
198) }
```

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