

Converting Colors

YIQ(78.3110, -53.5450,
-37.3290)

Have a look what the booklet for
YIQ(78.3110, -53.5450, -37.3290)
contains.

YIQ(78.3110, -53.5450, -37.3290)	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(78.3110, -53.5450,
-37.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	04754A
RGB	4, 117, 74
RGB Percent	2%, 46%, 29%
CMY	0.9846, 0.5410, 0.7100
CMYK	0.97, 0.00, 0.37, 0.54
HSL	157°, 94%, 24%
HSV	157°, 97%, 46%
XYZ	7.6504, 13.2527, 8.6253
YIQ	78.3110, -53.5450, -37.3290

Conversions

Conversions Part 2

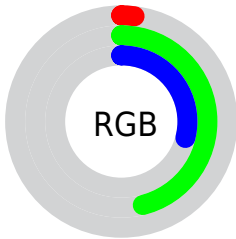
Format	Color
RYB	4, 74, 117
Decimal	292170
CIELab	43.14, -39.04, 16.07
CIELCh	43, 42.217, 157.621
Yxy	13.2527, 0.2591, 0.4488
Android (android.graphics.Color)	4278482250 (0xFF04754A)
YUV	78.3110, -2.1253, -65.1707
Hunter-Lab	36.4043, -26.1955, 11.4354

Details

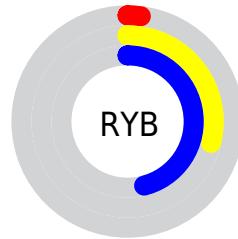
The YIQ color **78.3110, -53.5450, -37.3290** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.6890, 53.5450, 37.3290**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.5360, -40.9370, -34.5450**, and **42.7490, -28.0550, -25.7110** is the 20% darker color. If you saturate the color by 10%, you get **76.8870, -55.2870, -38.7990**, and if you desaturate by 10%, it is **82.3550, -47.6770, -33.5410**.

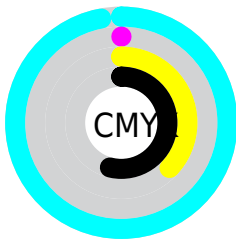
Distribution



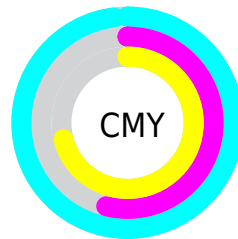
- Red (2%)
- Green (46%)
- Blue (29%)



- Red (2%)
- Yellow (29%)
- Blue (46%)



- Cyan (97%)
- Magenta (0%)
- Yellow (37%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.3110, -53.5450, -37.3290 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 78.3110, -53.5450, -37.3290 by changing the saturation by 10% instead.

■ 78.3110, -53.5450,
-37.3290

■ 78.3110, -53.5450,
-37.3290

■ 255.0000, -0.0000,
-0.0000

■ 59.8180, -41.6710,
-32.2550

■ 136.5360,
-40.9370, -34.5450

■ 42.7490, -28.0550,
-25.7110

■ 164.3080,
-40.2950, -35.1670

■ 27.0990, -14.3010,
-21.6690

■ 192.1940,
-39.9740, -35.4780

■ 11.1530, -5.2250,
-9.9370

■ 220.6670,
-39.9280, -36.3120

■ 0.0000, 0.0000,
0.0000

■ 232.5300,
-31.6320, -21.4560

■ 243.9370,

-22.0520, -7.8440

252.6080, -4.7680,
-1.6960

78.3110, -53.5450,
-37.3290

78.3110, -53.5450,
-37.3290

76.8870, -55.2870,
-38.7990

82.3550, -47.6770,
-33.5410

86.2140, -42.7260,
-29.6540

90.2580, -36.8580,
-25.8660

94.4160, -31.3110,
-21.7670

98.1610, -26.0390,
-18.1910

■ 102.3190,
-20.4920, -14.0920

■ 106.3630,
-14.6240, -10.3040

■ 110.5210, -9.0770,
-6.2050

■ 114.2660, -3.8050,
-2.6290

Harmonies

Analogous

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



93.0710, 0.0970, -29.3030



78.3110, -53.5450, -37.3290



82.3930, -68.0350, -28.0270

Triad

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



78.3110, -53.5450, -37.3290



94.3070, -54.6080, 9.4880



100.2920, 55.2000, 12.8320

Complementary

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



78.3110, -53.5450, -37.3290



42.6890, 53.5450, 37.3290

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.



101.4400, 49.5120, 27.8160



78.3110, -53.5450, -37.3290



104.5260, -6.3320, 26.6600

Square

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



78.3110, -53.5450, -37.3290



85.2550, -84.3610, -7.4730



103.8800, 27.9620, 32.9060



99.3920, 48.3260, -5.7700

Rectangle

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



78.3110, -53.5450, -37.3290



85.0150, -75.4180, -20.8740



103.8800, 27.9620, 32.9060



100.9810, 54.8780, 18.6700

Sweetspot

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



78.3110, -53.5450, -37.3290



137.9060, -20.7670, -14.6150



83.1880, -5.4470, -49.9830



67.6730, -12.5610, -9.1450



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



78.3110, -53.5450, -37.3290



100.6410, -72.5700, -50.4740



75.5820, -63.7730, -17.1570



56.8640, -2.6130, -2.2050



80.2780, -57.9460, -40.1700



164.4200, -118.5050, -82.5450

Inverse Universe

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



42.6890, 53.5450, 37.3290



52.3590, 72.5700, 50.4740



45.4180, 63.7730, 17.1570



55.0220, 2.9340, 1.8940



41.8360, 57.6250, 40.4810



85.5800, 118.5050, 82.5450

Previews

White Background



This preview shows how the YIQ color 78.3110, -53.5450, -37.3290 looks on a white background.

Color Contrast Check

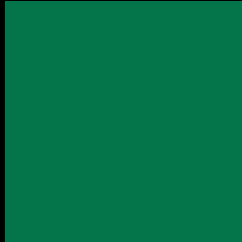
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 78.3110, -53.5450, -37.3290 looks on a black 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

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

YIQ 78.3110, -53.5450, -37.3290

Background



This preview shows how black text looks on a background with the YIQ color 78.3110, -53.5450, -37.3290.



This preview shows how white text looks on a background with the YIQ color 78.3110, -53.5450,

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

78.3110, -53.5450, -37.3290

Protanopia

100.5160, 15.6820, -8.8780

Deuteranopia

101.4120, 19.2110, -1.2450



Tritanopia

91.3950, -44.0130, -11.8290

Trichromacy



Original Color

78.3110, -53.5450, -37.3290

Protanomaly

92.0180, -9.5790, -19.1390

Deuteranomaly

92.8490, -7.4250, -14.1210

Tritanomaly

86.4450, -47.4500, -21.1300

Monochromacy



Original Color

78.3110, -53.5450, -37.3290

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.0310, -19.6210, -13.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.3110, -53.5450, -37.3290 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(4, 117, 74)` looks like.

```
.text, #text, p{  
    color:rgb(4, 117, 74)  
}
```

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(4, 117, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 117, 74) }
```

Border

The CSS property to change the border of an element to YIQ 78.3110, -53.5450, -37.3290 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(4, 117, 74) }
```


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

```
.border{ border-color:rgb(4, 117, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 117, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(4, 117, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.3110, -53.5450, -37.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 117, 74) }
```

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

```
.background{ background-color: rgb(4, 117,  
74) }
```

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