

# Converting Colors

YIQ(126.0710, -26.2660,  
-30.6020)

Have a look what the booklet for  
YIQ(126.0710, -26.2660, -30.6020)  
contains.

<b>YIQ(126.0710, -26.2660, -30.6020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(126.0710, -26.2660,  
-30.6020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	529967
RGB	82, 153, 103
RGB Percent	32%, 60%, 40%
CMY	0.6786, 0.3999, 0.5961
CMYK	0.46, 0.00, 0.33, 0.40
HSL	138°, 30%, 46%
HSV	138°, 46%, 60%
XYZ	17.3187, 25.5627, 16.8489
YIQ	126.0710, -26.2660, -30.6020

# Conversions

## Conversions Part 2

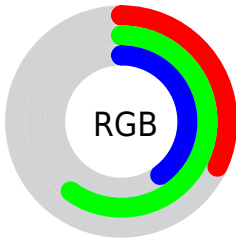
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 137, 153
Decimal	5413223
CIELab	57.62, -33.86, 19.56
CIElCh	58, 39.105, 149.994
Yxy	25.5627, 0.2899, 0.4280
Android (android.graphics.Color)	4283603303 (0xFF529967)
YUV	126.0710, -11.3740, -38.6503
Hunter-Lab	50.5596, -27.3358, 15.6334

# Details

The YIQ color **126.0710, -26.2660, -30.6020** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.9290, 26.2660, 30.6020**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0170, -26.1740, -32.2700**, and **73.6300, -29.3380, -29.9940** is the 20% darker color. If you saturate the color by 10%, you get **120.3320, -31.6750, -37.2030**, and if you desaturate by 10%, it is **131.8100, -20.8570, -24.0010**.

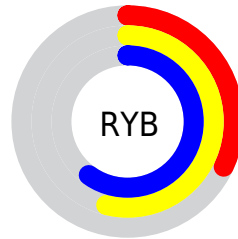
# Distribution



Red (32%)

Green (60%)

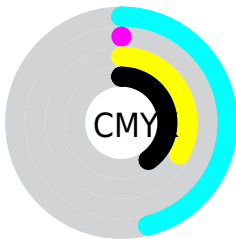
Blue (40%)



Red (32%)

Yellow (54%)

Blue (60%)

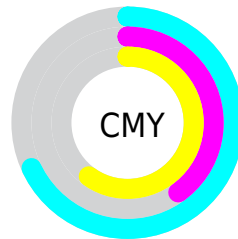


Cyan (46%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (68%)

Magenta (40%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0710, -26.2660, -30.6020 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 126.0710, -26.2660, -30.6020 by changing the saturation by 10% instead.



■ 126.0710,  
-26.2660, -30.6020

■ 126.0710,  
-26.2660, -30.6020

■ 255.0000, -0.0000,  
-0.0000

■ 100.2990,  
-26.9080, -29.9800

■ 180.0170,  
-26.1740, -32.2700

■ 73.6300, -29.3380,  
-29.9940

■ 207.9030,  
-25.8530, -32.5810

■ 48.9610, -31.7680,  
-30.0080

■ 230.3210,  
-23.9740, -28.0860

■ 32.4790, -18.4270,  
-23.9870

■ 242.1840,  
-15.6780, -13.2300

■ 19.9580, -9.3500,  
-17.7820

■ 252.9070, -4.1720,  
-1.4840

■ 0.0000, 0.0000,  
0.0000

■ 126.0710,  
-26.2660, -30.6020

■ 126.0710,  
-26.2660, -30.6020

■ 120.3320,  
-31.6750, -37.2030

■ 131.8100,  
-20.8570, -24.0010

■ 114.2940,  
-37.6800, -44.0160

■ 137.8480,  
-14.8520, -17.1880

■ 108.6690,  
-43.4100, -50.3060

■ 143.4730, -9.1220,  
-10.8980

■ 102.9300,  
-48.8190, -56.9070

■ 149.2120, -3.7130,  
-4.2970

■ 96.8920, -54.8240,  
-63.7200

■ 154.9510, 1.6960,  
2.3040

■ 94.9410, -56.5200,  
-66.0240

■ 160.9890, 7.7010,  
9.1170

■ 166.6140, 13.4310,  
15.4070

■ 172.3530, 18.8400,

22.0080

■ 178.3910, 24.8450,  
28.8210

# Harmonies

## Analogous

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



131.5560, 9.0370, -26.1230



126.0710, -26.2660, -30.6020



107.1900, -86.8770, -38.9810

# Triad

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



126.0710, -26.2660, -30.6020



131.3560, -56.3040, 7.1840



139.4000, 55.0160, 16.1680

# Complementary

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



126.0710, -26.2660, -30.6020



108.9290, 26.2660, 30.6020

# 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.



141.2160, 44.3310, 28.0990



126.0710, -26.2660, -30.6020



140.4540, -14.9970, 24.0030

# Square

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



126.0710, -26.2660, -30.6020



111.0950, -104.7620, -17.7060



142.5200, 20.1680, 30.9840



137.8210, 51.6720, -0.3280



# Rectangle

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



126.0710, -26.2660, -30.6020



109.9260, -94.5810, -31.5170



142.5200, 20.1680, 30.9840



140.0780, 53.2270, 21.0590

# Sweetspot

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



126.0710, -26.2660, -30.6020



188.3480, -10.2680, -12.1560



138.9260, 10.8710, -26.3210



92.9620, -6.0050, -6.8130



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



126.0710, -26.2660, -30.6020



156.8050, -40.7970, -48.1010



130.0610, -37.5010, -19.7170



73.9240, -2.8420, -3.5620



86.9680, -51.9820, -60.1580



8.0870, -4.8590, -5.5550



# Inverse Universe

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



108.9290, 26.2660, 30.6020



130.0810, 41.1180, 47.7900



104.9390, 37.5010, 19.7170



71.9620, 3.1630, 3.2510



53.1460, 51.6610, 60.4690



4.9130, 4.8590, 5.5550



# Previews

## White Background



This preview shows how the YIQ color 126.0710, -26.2660, -30.6020 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 126.0710, -26.2660, -30.6020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

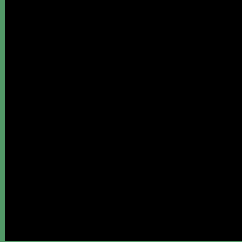
Any Text WCAG AA ✓ Pass

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 126.0710, -26.2660, -30.6020 Background



This preview shows how black text looks on a background with the YIQ color 126.0710, -26.2660, -30.6020.



This preview shows how white text looks on a background with the YIQ color 126.0710, -26.2660, -30.6020.

-30.6020.

# 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

126.0710, -26.2660, -30.6020

### Protanopia

136.5010, 20.0380, -10.7300

### Deuteranopia

137.9350, 24.9880, -1.3160



## Tritanopia

132.1190, -34.2480, -7.0800

# Trichromacy



## Original Color

126.0710, -26.2660, -30.6020

## Protanomaly

132.6020, 3.3960, -17.5000

## Deuteranomaly

133.7320, 6.1460, -12.2700

## Tritanomaly

130.1050, -31.6330, -15.9290

# Monochromacy



## Original Color

126.0710, -26.2660, -30.6020

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.1740, -9.7180, -11.1100

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.0710, -26.2660, -30.6020 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(82, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(82, 153, 103)  
}
```

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(82, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 153, 103) }
```

## Border

The CSS property to change the border of an element to YIQ 126.0710, -26.2660, -30.6020 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(82, 153, 103) }
```



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

```
.border{ border-color:rgb(82, 153, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(82, 153,  
103) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.0710, -26.2660, -30.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 153, 103) }
```

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

```
.background{ background-color: rgb(82, 153,  
103) }
```

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