

# Converting Colors

YIQ(110.1540, -42.4970,  
-28.2970)

Have a look what the booklet for  
YIQ(110.1540, -42.4970, -28.2970)  
contains.

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# Color

**YIQ(110.1540, -42.4970,  
-28.2970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	348C6D
RGB	52, 140, 109
RGB Percent	20%, 55%, 43%
CMY	0.7963, 0.4508, 0.5727
CMYK	0.63, 0.00, 0.22, 0.45
HSL	159°, 46%, 38%
HSV	159°, 63%, 55%
XYZ	13.5550, 20.5988, 17.7191
YIQ	110.1540, -42.4970, -28.2970

# Conversions

## Conversions Part 2

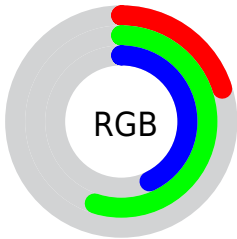
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 105, 140
Decimal	3443821
CIELab	52.51, -34.06, 8.92
CIELCh	53, 35.211, 165.318
Yxy	20.5988, 0.2613, 0.3971
Android (android.graphics.Color)	4281633901 (0xFF348C6D)
YUV	110.1540, -0.5689, -51.0011
Hunter-Lab	45.3859, -26.1144, 8.6227

# Details

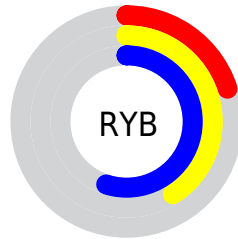
The YIQ color **110.1540, -42.4970, -28.2970** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81.8460, 42.4970, 28.2970**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5240, -40.6630, -28.4950**, and **59.1970, -44.0560, -27.5760** is the 20% darker color. If you saturate the color by 10%, you get **105.3980, -49.2360, -32.8200**, and if you desaturate by 10%, it is **114.9100, -35.7580, -23.7740**.

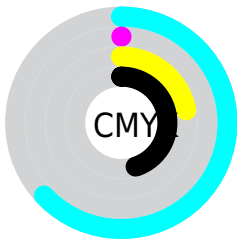
# Distribution



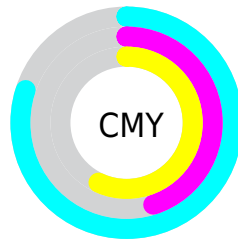
- Red (20%)
- Green (55%)
- Blue (43%)



- Red (20%)
- Yellow (41%)
- Blue (55%)



- Cyan (63%)
- Magenta (0%)
- Yellow (22%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 110.1540, -42.4970, -28.2970 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 110.1540, -42.4970, -28.2970 by changing the saturation by 10% instead.



■ 110.1540,  
-42.4970, -28.2970

■ 110.1540,  
-42.4970, -28.2970

■ 255.0000, -0.0000,  
-0.0000

■ 81.6910, -48.5030,  
-29.5830

■ 164.4100,  
-40.3420, -28.8060

■ 59.1970, -44.0560,  
-27.5760

■ 191.9970,  
-40.6170, -29.3290

■ 42.7150, -30.7150,  
-21.5550

■ 220.5840,  
-40.8920, -29.8520

■ 26.8200, -17.6490,  
-16.0570

■ 234.9090,  
-34.0170, -16.7770

■ 9.3920, -4.4000,  
-8.3680

■ 244.5350,  
-20.8600, -7.4200

■ 0.0000, 0.0000,  
0.0000

■ 253.5050, -2.9800,

-1.0600

■ 110.1540,  
-42.4970, -28.2970

■ 110.1540,  
-42.4970, -28.2970

■ 105.3980,  
-49.2360, -32.8200

■ 114.9100,  
-35.7580, -23.7740

■ 100.6420,  
-55.9750, -37.3430

■ 119.6660,  
-29.0190, -19.2510

■ 95.8860, -62.7140,  
-41.8660

■ 124.4220,  
-22.2800, -14.7280

■ 92.5540, -67.7110,  
-44.9190

■ 129.1780,  
-15.5410, -10.2050

■ 133.9340, -8.8020,  
-5.6820

■ 138.6900, -2.0630,  
-1.1590

■ 143.4460, 4.6760,  
3.3640

■ 148.0880, 11.7360,  
7.5760

■ 152.8440, 18.4750,  
12.0990

# Harmonies

## Analogous

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



117.5850, -7.1020, -25.4860



110.1540, -42.4970, -28.2970



98.7270, -83.7150, -30.2030

# Triad

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



110.1540, -42.4970, -28.2970



124.4580, -29.9880, 14.8440



125.5960, 48.2320, 6.9520

# Complementary

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



110.1540, -42.4970, -28.2970



81.8460, 42.4970, 28.2970

# 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.



126.6580, 45.6620, 20.4940



110.1540, -42.4970, -28.2970



129.1480, 3.4800, 25.0480

# Square

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



110.1540, -42.4970, -28.2970



111.4910, -70.2860, -3.7420



128.5610, 30.1180, 26.8700



123.8470, 39.6150, -7.5930



# Rectangle

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



110.1540, -42.4970, -28.2970



100.3060, -89.5390, -23.7710



128.5610, 30.1180, 26.8700



125.9430, 48.8730, 11.8570

# Sweetspot

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



110.1540, -42.4970, -28.2970



169.4660, -16.4120, -10.9400



113.2240, -5.1280, -39.2400



84.8090, -9.9480, -6.9400



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000



# Same Dimension

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



110.1540, -42.4970, -28.2970



134.8640, -65.6480, -43.7600



106.6440, -49.1480, -12.3800



66.5650, -3.2090, -2.4170



87.8750, -64.1810, -42.8130



3.2770, -2.3380, -1.6820



# Inverse Universe

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



81.8460, 42.4970, 28.2970



91.1360, 65.6480, 43.7600



85.3560, 49.1480, 12.3800



64.3210, 3.5300, 2.1060



45.1250, 64.1810, 42.8130



1.7230, 2.3380, 1.6820



# Previews

## White Background



This preview shows how the YIQ color 110.1540, -42.4970, -28.2970 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 110.1540, -42.4970, -28.2970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

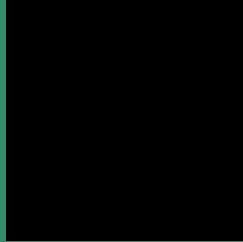
Any Text WCAG AA ✓ Pass

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 110.1540, -42.4970, -28.2970 Background



This preview shows how black text looks on a background with the YIQ color 110.1540, -42.4970, -28.2970.



This preview shows how white text looks on a background with the YIQ color 110.1540, -42.4970, -28.2970.



# 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

110.1540, -42.4970, -28.2970

### Protanopia

123.7700, 12.1510, -5.4570

### Deuteranopia

125.4810, 14.7630, 2.2750



## Tritanopia

115.6230, -44.6550, -11.2070

# Trichromacy



## Original Color

110.1540, -42.4970, -28.2970

## Protanomaly

118.9630, -7.7460, -13.8100

## Deuteranomaly

119.9080, -5.9130, -8.4810

## Tritanomaly

113.8200, -44.0120, -17.3560

# Monochromacy



## Original Color

110.1540, -42.4970, -28.2970

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

110.1780, -15.5410, -10.2050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 110.1540, -42.4970, -28.2970 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(52, 140, 109)` looks like.

```
.text, #text, p{  
    color:rgb(52, 140, 109)  
}
```

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(52, 140, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 140, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 110.1540, -42.4970, -28.2970 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(52, 140, 109) }
```



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

```
.border{ border-color:rgb(52, 140, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 140, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 140, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 140, 109);  
box-shadow:4px 4px 4px 4px rgb(52, 140,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 110.1540, -42.4970, -28.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 140, 109) }
```

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

```
.background{ background-color: rgb(52, 140,  
109) }
```

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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