

Converting Colors

YIQ(137.4330, -29.9810,
-23.8450)

Have a look what the booklet for
YIQ(137.4330, -29.9810, -23.8450)
contains.

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Color

**YIQ(137.4330, -29.9810,
-23.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA182
RGB	94, 161, 130
RGB Percent	37%, 63%, 51%
CMY	0.6315, 0.3685, 0.4903
CMYK	0.42, 0.00, 0.19, 0.37
HSL	152°, 26%, 50%
HSV	152°, 42%, 63%
XYZ	21.3888, 29.4879, 25.6750
YIQ	137.4330, -29.9810, -23.8450

Conversions

Conversions Part 2

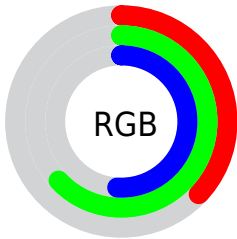
Format	Color
R_{YB}	94, 138, 161
Decimal	6201730
CIE _{Lab}	61.21, -28.68, 9.56
CIE _{LCh}	61, 30.227, 161.563
Yxy	29.4879, 0.2794, 0.3852
Android (android.graphics.Color)	4284391810 (0xFF5EA182)
YUV	137.4330, -3.6645, -38.0907
Hunter-Lab	54.3027, -24.7220, 9.9789

Details

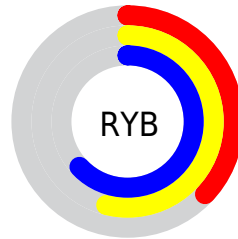
The YIQ color **137.4330, -29.9810, -23.8450** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.5670, 29.9810, 23.8450**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6070, -30.5310, -24.8910**, and **85.7750, -30.9440, -22.9120** is the 20% darker color. If you saturate the color by 10%, you get **131.8510, -37.2700, -29.4140**, and if you desaturate by 10%, it is **143.0150, -22.6920, -18.2760**.

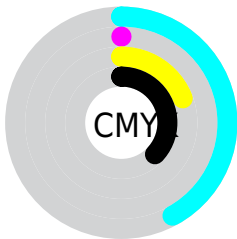
Distribution



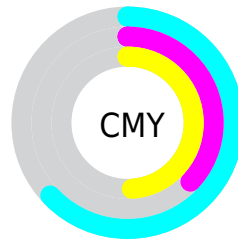
- Red (37%)
- Green (63%)
- Blue (51%)



- Red (37%)
- Yellow (54%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4330, -29.9810, -23.8450 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 137.4330, -29.9810, -23.8450 by changing the saturation by 10% instead.

■ 137.4330,
-29.9810, -23.8450

■ 137.4330,
-29.9810, -23.8450

■ 255.0000, -0.0000,
-0.0000

■ 111.5470,
-30.3020, -23.5340

■ 191.6070,
-30.5310, -24.8910

■ 85.4760, -31.5400,
-23.1240

■ 220.1940,
-30.8060, -25.4140

■ 58.6110, -36.3540,
-23.9860

■ 237.6280,
-25.8560, -16.0000

■ 39.9110, -28.3310,
-20.7070

■ 248.1230,
-13.7080, -4.8760

■ 24.6030, -15.5400,
-15.7320

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,

0.0000

■ 137.4330,
-29.9810, -23.8450

■ 137.4330,
-29.9810, -23.8450

■ 131.8510,
-37.2700, -29.4140

■ 143.0150,
-22.6920, -18.2760

■ 126.1550,
-44.2380, -35.2940

■ 148.7110,
-15.7240, -12.3960

■ 120.5730,
-51.5270, -40.8630

■ 154.2930, -8.4350,
-6.8270

■ 114.8770,
-58.4950, -46.7430

■ 159.9890, -1.4670,
-0.9470

■ 108.9960,
-66.3800, -52.5240

■ 165.5710, 5.8220,
4.6220

■ 104.3110,
-71.8810, -57.4570

■ 171.5660, 13.3860,
10.7140

■ 177.1480, 20.6750,
16.2830

■ 182.8440, 27.6430,
22.1630

■ 188.4260, 34.9320,
27.7320

Harmonies

Analogous

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



142.0310, -2.4260, -22.1220



137.4330, -29.9810, -23.8450



132.1280, -56.8030, -22.3310

Triad

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



137.4330, -29.9810, -23.8450



147.0620, -28.9330, 12.2430



149.0840, 43.9220, 7.9700

Complementary

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



137.4330, -29.9810, -23.8450



117.5670, 29.9810, 23.8450

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.



150.0810, 39.9770, 18.8970



137.4330, -29.9810, -23.8450



150.8870, -0.2790, 21.5850

Square

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



137.4330, -29.9810, -23.8450



138.9720, -55.5230, -1.4670



151.9300, 24.5250, 23.6050



147.0580, 37.6430, -4.8930

Rectangle

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



137.4330, -29.9810, -23.8450



130.3040, -68.8620, -18.5420



151.9300, 24.5250, 23.6050



149.6050, 44.0130, 11.8290

Sweetspot

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



137.4330, -29.9810, -23.8450



200.1570, -11.0480, -9.0320



142.5980, 0.0510, -28.4690



99.7170, -6.6930, -5.3570



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.4330, -29.9810, -23.8450



172.4320, -46.5760, -36.9760



139.7930, -39.3820, -13.1580



78.8530, -4.0800, -3.1520



94.0070, -64.9130, -51.5770



11.7060, -8.1600, -6.3040

Inverse Universe

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



117.5670, 29.9810, 23.8450



141.5680, 46.5760, 36.9760



115.2070, 39.3820, 13.1580



76.1470, 4.0800, 3.1520



50.9930, 64.9130, 51.5770



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 137.4330, -29.9810, -23.8450 looks on a white background.

Color Contrast Check

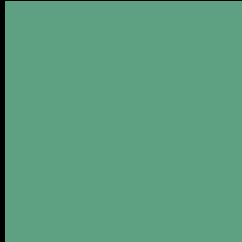
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4330, -29.9810, -23.8450 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 137.4330, -29.9810, -23.8450 Background



This preview shows how black text looks on a background with the YIQ color 137.4330, -29.9810, -23.8450.



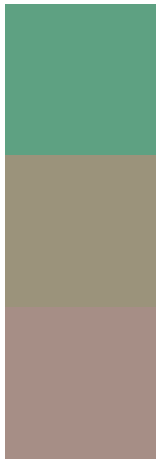
This preview shows how white text looks on a background with the YIQ color 137.4330, -29.9810, -23.8450.

-23.8450.

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

137.4330, -29.9810, -23.8450

Protanopia

146.6560, 12.4720, -5.7680

Deuteranopia

148.2640, 16.8720, 2.6000



Tritanopia

141.5210, -35.4400, -7.5040

Trichromacy



Original Color

137.4330, -29.9810, -23.8450

Protanomaly

143.3550, -2.9780, -12.1140

Deuteranomaly

144.4850, -0.2280, -6.8840

Tritanomaly

140.2020, -33.2840, -13.5400

Monochromacy



Original Color

137.4330, -29.9810, -23.8450

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1570, -11.0480, -9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4330, -29.9810, -23.8450 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(94, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 130)  
}
```

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(94, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 130) }
```

Border

The CSS property to change the border of an element to YIQ 137.4330, -29.9810, -23.8450 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(94, 161, 130) }
```


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

```
.border{ border-color:rgb(94, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4330, -29.9810, -23.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 130) }
```

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

```
.background{ background-color: rgb(94, 161,  
130) }
```

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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