

Converting Colors

YIQ(136.5370, -33.5100,
-31.4780)

Have a look what the booklet for
YIQ(136.5370, -33.5100, -31.4780)
contains.

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Color

**YIQ(136.5370, -33.5100,
-31.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	55A678
RGB	85, 166, 120
RGB Percent	33%, 65%, 47%
CMY	0.6669, 0.3489, 0.5295
CMYK	0.49, 0.00, 0.28, 0.35
HSL	146°, 32%, 49%
HSV	146°, 49%, 65%
XYZ	20.7722, 30.5689, 22.5670
YIQ	136.5370, -33.5100, -31.4780

Conversions

Conversions Part 2

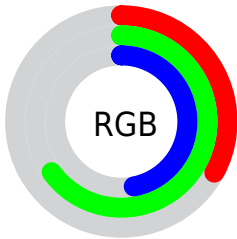
Format	Color
RYB	85, 142, 166
Decimal	5613176
CIELab	62.14, -35.64, 16.37
CIELCh	62, 39.223, 155.334
Yxy	30.5689, 0.2811, 0.4136
Android (android.graphics.Color)	4283803256 (0xFF55A678)
YUV	136.5370, -8.1527, -45.1979
Hunter-Lab	55.2891, -29.6932, 14.5024

Details

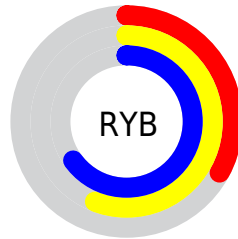
The YIQ color **136.5370, -33.5100, -31.4780** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **114.4630, 33.5100, 31.4780**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4830, -33.4180, -33.1460**, and **82.4980, -37.7740, -31.2940** is the 20% darker color. If you saturate the color by 10%, you get **130.4280, -40.7530, -37.8810**, and if you desaturate by 10%, it is **142.6460, -26.2670, -25.0750**.

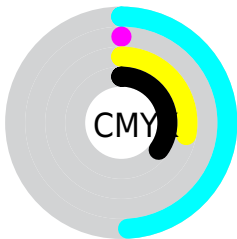
Distribution



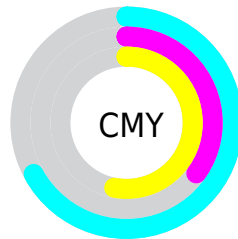
- Red (33%)
- Green (65%)
- Blue (47%)



- Red (33%)
- Yellow (56%)
- Blue (65%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.5370, -33.5100, -31.4780 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 136.5370, -33.5100, -31.4780 by changing the saturation by 10% instead.

■ 136.5370,
-33.5100, -31.4780

■ 136.5370,
-33.5100, -31.4780

■ 255.0000, -0.0000,
-0.0000

■ 109.7650,
-34.1520, -30.8560

■ 191.4830,
-33.4180, -33.1460

■ 82.4980, -37.7740,
-31.2940

■ 219.4830,
-33.4180, -33.1460

■ 57.2420, -39.9290,
-30.7850

■ 233.9820,
-27.0930, -21.1170

■ 40.6460, -26.2670,
-25.0750

■ 245.7310,
-18.4760, -6.5720

■ 24.8820, -12.1920,
-21.3440

■ 254.4020, -1.1920,
-0.4240

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,

0.0000

■ 136.5370,
-33.5100, -31.4780

■ 136.5370,
-33.5100, -31.4780

■ 130.4280,
-40.7530, -37.8810

■ 142.6460,
-26.2670, -25.0750

■ 124.5040,
-47.0790, -44.3830

■ 148.5700,
-19.9410, -18.5730

■ 118.3950,
-54.3220, -50.7860

■ 154.6790,
-12.6980, -12.1700

■ 112.4710,
-60.6480, -57.2880

■ 160.6030, -6.3720,
-5.6680

■ 106.3620,
-67.8910, -63.6910

■ 166.7120, 0.8710,
0.7350

■ 105.6500,
-68.7620, -64.4260

■ 172.9350, 7.7930,
7.4490

■ 178.7450, 14.4400,
13.6400

■ 184.8540, 21.6830,
20.0430

■ 190.7780, 28.0090,
26.5450

Harmonies

Analogous

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



142.9790, 3.3520, -27.7200



136.5370, -33.5100, -31.4780



117.1830, -94.1670, -39.0230

Triad

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



136.5370, -33.5100, -31.4780



146.1830, -48.3270, 11.2970



151.3030, 56.6670, 13.7790

Complementary

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



136.5370, -33.5100, -31.4780



114.4630, 33.5100, 31.4780

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.



152.7280, 48.6410, 27.0810



136.5370, -33.5100, -31.4780



153.6290, -8.1200, 26.0240

Square

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



136.5370, -33.5100, -31.4780



124.1600, -103.3870, -15.0910



154.5700, 25.8990, 31.7470



149.5280, 50.9390, -3.5650

Rectangle

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



136.5370, -33.5100, -31.4780



119.0220, -103.6590, -32.1950



154.5700, 25.8990, 31.7470



151.2800, 55.4740, 18.8820

Sweetspot

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



136.5370, -33.5100, -31.4780



204.9670, -13.5690, -12.9050



146.6000, 5.7370, -32.3990



102.6520, -8.0680, -7.9720



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



136.5370, -33.5100, -31.4780



170.4060, -52.8550, -49.8390



140.9830, -46.0290, -19.3490



81.0380, -3.1630, -3.2510



94.1720, -61.2440, -57.5000



12.7660, -8.3890, -7.6610

Inverse Universe

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



114.4630, 33.5100, 31.4780



135.5940, 52.8550, 49.8390



110.0170, 46.0290, 19.3490



78.9620, 3.1630, 3.2510



53.8280, 61.2440, 57.5000



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 136.5370, -33.5100, -31.4780 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 136.5370, -33.5100, -31.4780 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 136.5370, -33.5100, -31.4780 Background



This preview shows how black text looks on a background with the YIQ color 136.5370, -33.5100, -31.4780.



This preview shows how white text looks on a background with the YIQ color 136.5370, -33.5100, -31.4780.

-31.4780.

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

136.5370, -33.5100, -31.4780

Protanopia

148.0710, 18.4330, -9.1750

Deuteranopia

150.2060, 22.7870, 0.0270



Tritanopia

142.2430, -40.5290, -8.8890

Trichromacy



Original Color

136.5370, -33.5100, -31.4780

Protanomaly

143.8620, -0.2720, -17.1040

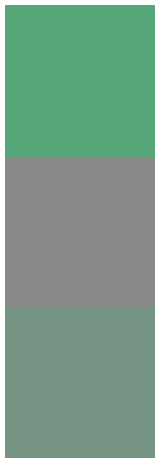
Deuteranomaly

145.1060, 2.1570, -11.5630

Tritanomaly

140.3430, -38.2350, -17.4270

Monochromacy



Original Color

136.5370, -33.5100, -31.4780

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0920, -12.4230, -11.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5370, -33.5100, -31.4780 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(85, 166, 120)` looks like.

```
.text, #text, p{  
    color:rgb(85, 166, 120)  
}
```

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(85, 166, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 166, 120) }
```

Border

The CSS property to change the border of an element to YIQ 136.5370, -33.5100, -31.4780 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(85, 166, 120) }
```


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

```
.border{ border-color:rgb(85, 166, 120) }
```

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

Here you see how a box with a 4 pixel rgb(85, 166, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 166, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 166, 120);  
box-shadow:4px 4px 4px 4px rgb(85, 166,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5370, -33.5100, -31.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 166, 120) }
```

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

```
.background{ background-color: rgb(85, 166,  
120) }
```

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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