

Converting Colors

YIQ(133.9550, -31.6310,
-26.9830)

Have a look what the booklet for
YIQ(133.9550, -31.6310, -26.9830)
contains.

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Color

**YIQ(133.9550, -31.6310,
-26.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	57A07B
RGB	87, 160, 123
RGB Percent	34%, 63%, 48%
CMY	0.6590, 0.3724, 0.5177
CMYK	0.46, 0.00, 0.23, 0.37
HSL	150°, 30%, 48%
HSV	150°, 46%, 63%
XYZ	20.0755, 28.6055, 23.1941
YIQ	133.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

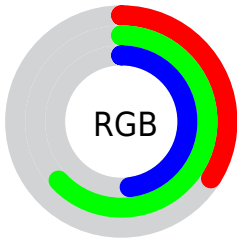
Format	Color
R_{YB}	87, 136, 160
Decimal	5742715
CIE _{Lab}	60.43, -31.68, 12.33
CIE _{LCh}	60, 33.995, 158.727
Yxy	28.6055, 0.2793, 0.3980
Android (android.graphics.Color)	4283932795 (0xFF57A07B)
YUV	133.9550, -5.4008, -41.1795
Hunter-Lab	53.4841, -26.5963, 11.7270

Details

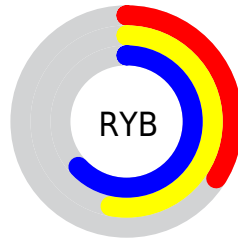
The YIQ color **133.9550, -31.6310, -26.9830** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **113.0450, 31.6310, 26.9830**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.4280, -31.5850, -27.8170**, and **81.4000, -34.3820, -26.6860** is the 20% darker color. If you saturate the color by 10%, you get **128.2590, -38.5990, -32.8630**, and if you desaturate by 10%, it is **139.6510, -24.6630, -21.1030**.

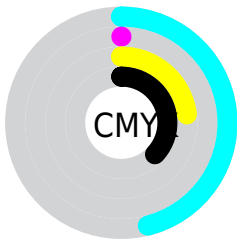
Distribution



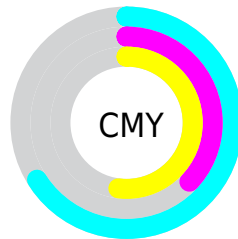
- Red (34%)
- Green (63%)
- Blue (48%)



- Red (34%)
- Yellow (53%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (37%)



- Cyan (66%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9550, -31.6310, -26.9830 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 133.9550, -31.6310, -26.9830 by changing the saturation by 10% instead.

■ 133.9550,
-31.6310, -26.9830

■ 133.9550,
-31.6310, -26.9830

■ 255.0000, -0.0000,
-0.0000

■ 107.7700,
-32.5480, -26.8840

■ 188.4280,
-31.5850, -27.8170

■ 81.4000, -34.3820,
-26.6860

■ 216.6020,
-32.1350, -28.8630

■ 54.5350, -39.1960,
-27.5480

■ 234.6230,
-27.4600, -19.9720

■ 38.0530, -25.8550,
-21.5270

■ 246.0300,
-17.8800, -6.3600

■ 22.9900, -12.3760,
-18.0080

■ 254.7010, -0.5960,
-0.2120

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,

0.0000

■ 133.9550,
-31.6310, -26.9830

■ 133.9550,
-31.6310, -26.9830

■ 128.2590,
-38.5990, -32.8630

■ 139.6510,
-24.6630, -21.1030

■ 122.5630,
-45.5670, -38.7430

■ 145.3470,
-17.6950, -15.2230

■ 116.8670,
-52.5350, -44.6230

■ 151.0430,
-10.7270, -9.3430

■ 111.1710,
-59.5030, -50.5030

■ 156.7390, -3.7590,
-3.4630

■ 105.3610,
-66.1500, -56.6940

■ 162.5490, 2.8880,
2.7280

■ 102.9260,
-69.3590, -59.1110

■ 168.2450, 9.8560,
8.6080

■ 173.9410, 16.8240,
14.4880

■ 179.6370, 23.7920,
20.3680

■ 185.3330, 30.7600,
26.2480

Harmonies

Analogous

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



139.2330, -0.1790, -24.2990



133.9550, -31.6310, -26.9830



125.5070, -68.3560, -27.7160

Triad

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



133.9550, -31.6310, -26.9830



144.0550, -36.2230, 12.2010



146.8890, 48.9650, 10.1890

Complementary

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



133.9550, -31.6310, -26.9830



113.0450, 31.6310, 26.9830

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.



148.3420, 43.7360, 22.3600



133.9550, -31.6310, -26.9830



149.3860, -3.1220, 23.5500

Square

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



133.9550, -31.6310, -26.9830



132.7360, -69.5980, -5.1980



149.3370, 24.9370, 27.1530



144.8090, 42.7780, -4.3420

Rectangle

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



133.9550, -31.6310, -26.9830



116.9200, -94.4440, -28.4920



149.3370, 24.9370, 27.1530



147.5240, 48.7350, 14.3590

Sweetspot

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



133.9550, -31.6310, -26.9830



198.6190, -12.4690, -10.8130



141.2130, 2.5730, -30.1230



98.5920, -7.8390, -6.6150



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.



133.9550, -31.6310, -26.9830



168.0030, -49.9220, -42.4180



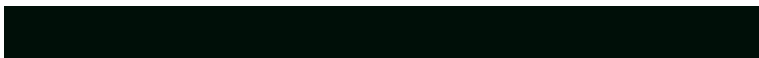
138.0590, -43.1870, -15.7870



76.1520, -3.4840, -2.9400



91.9210, -61.7950, -53.0190



9.7170, -6.6930, -5.3570

Inverse Universe

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



113.0450, 31.6310, 26.9830



134.9970, 49.9220, 42.4180



108.9410, 43.1870, 15.7870



73.8480, 3.4840, 2.9400



50.9650, 62.1160, 52.7080



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 133.9550, -31.6310, -26.9830 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 133.9550, -31.6310, -26.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

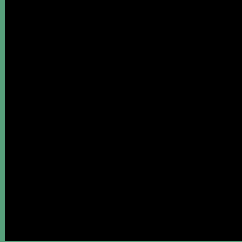
Any Text WCAG AA ✓ Pass

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 133.9550, -31.6310, -26.9830 Background



This preview shows how black text looks on a background with the YIQ color 133.9550, -31.6310, -26.9830.



This preview shows how white text looks on a background with the YIQ color 133.9550, -31.6310, -26.9830.

-26.9830.

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

133.9550, -31.6310, -26.9830

Protanopia

144.3850, 14.6730, -7.1110

Deuteranopia

145.9930, 19.0730, 1.2570



Tritanopia

138.7380, -37.5490, -7.8290

Trichromacy



Original Color

133.9550, -31.6310, -26.9830

Protanomaly

140.4860, -1.9690, -13.8810

Deuteranomaly

141.6160, 0.7810, -8.6510

Tritanomaly

136.8920, -35.3470, -14.6990

Monochromacy



Original Color

133.9550, -31.6310, -26.9830

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7440, -11.3230, -9.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9550, -31.6310, -26.9830 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(87, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(87, 160, 123)  
}
```

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(87, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 160, 123) }
```

Border

The CSS property to change the border of an element to YIQ 133.9550, -31.6310, -26.9830 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(87, 160, 123) }
```


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

```
.border{ border-color:rgb(87, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(87, 160,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9550, -31.6310, -26.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 160, 123) }
```

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

```
.background{ background-color: rgb(87, 160,  
123) }
```

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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