

Converting Colors

YIQ(130.4400, -39.8860,
-15.0380)

Have a look what the booklet for
YIQ(130.4400, -39.8860, -15.0380)
contains.

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Color

**YIQ(130.4400, -39.8860,
-15.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	539795
RGB	83, 151, 149
RGB Percent	33%, 59%, 58%
CMY	0.6747, 0.4077, 0.4158
CMYK	0.45, 0.00, 0.01, 0.41
HSL	178°, 29%, 46%
HSV	178°, 45%, 59%
XYZ	20.0564, 26.1482, 32.4071
YIQ	130.4400, -39.8860, -15.0380

Conversions

Conversions Part 2

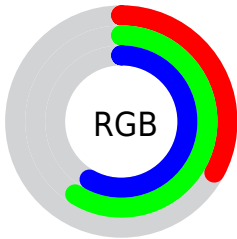
Format	Color
R_{YB}	83, 118, 151
Decimal	5478293
CIE _{Lab}	58.18, -22.06, -5.64
CIE _{LCh}	58, 22.766, 194.347
Yxy	26.1482, 0.2551, 0.3326
Android (android.graphics.Color)	4283668373 (0xFF539795)
YUV	130.4400, 9.1501, -41.6049
Hunter-Lab	51.1353, -19.4749, -1.7804

Details

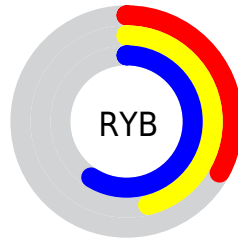
The YIQ color **130.4400, -39.8860, -15.0380** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.5600, 39.8860, 15.0380**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.4400, -39.8860, -15.0380**, and **77.6460, -43.4620, -16.3100** is the 20% darker color. If you saturate the color by 10%, you get **125.9550, -48.8260, -18.2180**, and if you desaturate by 10%, it is **134.9250, -30.9460, -11.8580**.

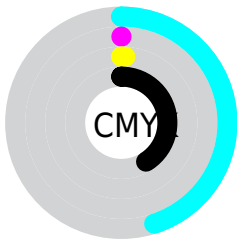
Distribution



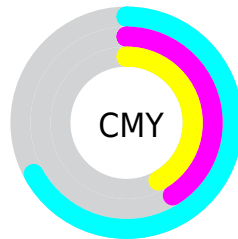
- Red (33%)
- Green (59%)
- Blue (58%)



- Red (33%)
- Yellow (46%)
- Blue (59%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4400, -39.8860, -15.0380 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 130.4400, -39.8860, -15.0380 by changing the saturation by 10% instead.

■ 130.4400,
-39.8860, -15.0380

■ 130.4400,
-39.8860, -15.0380

■ 255.0000, -0.0000,
-0.0000

■ 104.1410,
-40.4820, -15.2500

■ 184.4400,
-39.8860, -15.0380

■ 77.6460, -43.4620,
-16.3100

■ 212.7280,
-40.7570, -15.7730

■ 53.1620, -44.9750,
-16.4230

■ 236.4620,
-36.9520, -13.1440

■ 37.0390, -31.2670,
-11.5470

■ 244.8340,
-20.2640, -7.2080

■ 22.3180, -18.7510,
-7.0950

■ 253.5050, -2.9800,
-1.0600

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,

0.0000

■ 130.4400,
-39.8860, -15.0380

■ 130.4400,
-39.8860, -15.0380

■ 125.9550,
-48.8260, -18.2180

■ 134.9250,
-30.9460, -11.8580

■ 121.3560,
-57.4450, -21.7090

■ 139.5240,
-22.3270, -8.3670

■ 116.8710,
-66.3850, -24.8890

■ 144.0090,
-13.3870, -5.1870

■ 112.2720,
-75.0040, -28.3800

■ 148.6080, -4.7680,
-1.6960

■ 107.4880,
-84.5400, -31.7720

■ 153.0930, 4.1720,
1.4840

■ 105.2810,
-88.3910, -33.5670

■ 157.9910, 13.3870,
5.1870

■ 162.4760, 22.3270,
8.3670

■ 167.0750, 30.9460,
11.8580

■ 171.5600, 39.8860,
15.0380

Harmonies

Analogous

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



132.5420, -22.7380, -17.4420



130.4400, -39.8860, -15.0380



131.0190, -45.7100, -8.6060

Triad

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



130.4400, -39.8860, -15.0380



142.3940, 2.4270, 16.5950



139.9090, 27.8770, -4.1150

Complementary

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



130.4400, -39.8860, -15.0380



103.5600, 39.8860, 15.0380

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.



141.5280, 33.7440, 5.2000



130.4400, -39.8860, -15.0380



142.9030, 19.9870, 17.7390

Square

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



130.4400, -39.8860, -15.0380



139.8690, -18.2040, 10.5320



142.1290, 30.8540, 13.5260



138.2230, 14.9490, -12.1150

Rectangle

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



130.4400, -39.8860, -15.0380



134.0460, -41.1720, -2.7400



142.1290, 30.8540, 13.5260



140.5720, 30.4440, -1.0760

Sweetspot

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



130.4400, -39.8860, -15.0380



187.9270, -16.0920, -5.7240



123.5140, -17.5080, -35.1400



94.2160, -9.5360, -3.3920



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.



130.4400, -39.8860, -15.0380



163.9640, -62.2130, -23.4050



111.8840, -31.7280, 2.3200



74.4940, -4.4470, -2.0070



97.6840, -82.1560, -30.9240



8.9990, -7.4270, -3.0670

Inverse Universe

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



103.5600, 39.8860, 15.0380



122.1500, 61.8920, 23.7160



122.1160, 31.7280, -2.3200



71.3920, 4.7680, 1.6960



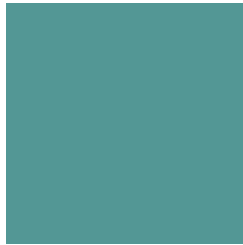
42.3160, 82.1560, 30.9240



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 130.4400, -39.8860, -15.0380 looks on a white background.

Color Contrast Check

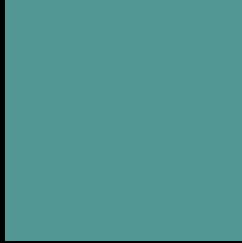
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4400, -39.8860, -15.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

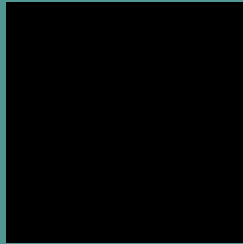
Any Text WCAG AA ✓ Pass

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 130.4400, -39.8860, -15.0380 Background



This preview shows how black text looks on a background with the YIQ color 130.4400, -39.8860, -15.0380.



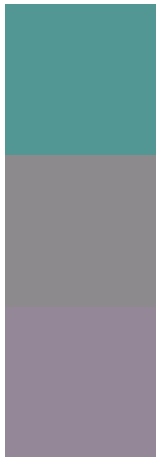
This preview shows how white text looks on a background with the YIQ color 130.4400, -39.8860, -15.0380.

-15.0380.

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

130.4400, -39.8860, -15.0380

Protanopia

139.2390, 0.8250, 1.5690

Deuteranopia

140.5260, 1.6950, 7.8310



Tritanopia

131.8300, -40.8040, -9.4120

Trichromacy



Original Color

130.4400, -39.8860, -15.0380

Protanomaly

136.2370, -14.0290, -4.5650

Deuteranomaly

137.0570, -13.3420, -0.4940

Tritanomaly

131.6620, -40.3910, -11.3910

Monochromacy



Original Color

130.4400, -39.8860, -15.0380

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.4110, -14.5790, -5.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4400, -39.8860, -15.0380 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(83, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(83, 151, 149)  
}
```

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(83, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 151, 149) }
```

Border

The CSS property to change the border of an element to YIQ 130.4400, -39.8860, -15.0380 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(83, 151, 149) }
```


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

```
.border{ border-color:rgb(83, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(83, 151,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4400, -39.8860, -15.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 151, 149) }
```

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

```
.background{ background-color: rgb(83, 151,  
149) }
```

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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