

Converting Colors

YIQ(123.1760, -30.3950,
-16.3390)

Have a look what the booklet for
YIQ(123.1760, -30.3950, -16.3390)
contains.

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Color

**YIQ(123.1760, -30.3950,
-16.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	548E81
RGB	84, 142, 129
RGB Percent	33%, 56%, 51%
CMY	0.6707, 0.4430, 0.4942
CMYK	0.41, 0.00, 0.09, 0.44
HSL	167°, 26%, 44%
HSV	167°, 41%, 56%
XYZ	17.2900, 22.8206, 24.2526
YIQ	123.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

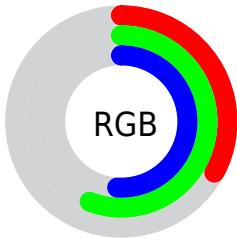
Format	Color
R_{YB}	84, 117, 142
Decimal	5541505
CIE _{Lab}	54.89, -22.24, 0.98
CIE _{LCh}	55, 22.263, 177.468
Yxy	22.8206, 0.2686, 0.3546
Android (android.graphics.Color)	4283731585 (0xFF548E81)
YUV	123.1760, 2.8712, -34.3574
Hunter-Lab	47.7709, -18.9934, 3.3389

Details

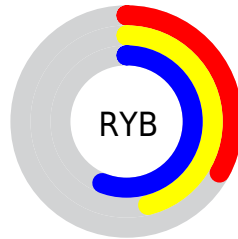
The YIQ color **123.1760, -30.3950, -16.3390** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **102.8240, 30.3950, 16.3390**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4640, -31.2660, -17.0740**, and **72.1050, -31.6330, -15.9290** is the 20% darker color. If you saturate the color by 10%, you get **118.6480, -37.7760, -20.2400**, and if you desaturate by 10%, it is **127.7040, -23.0140, -12.4380**.

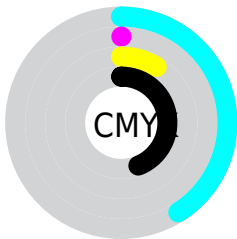
Distribution



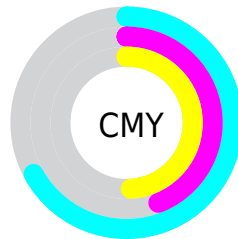
- Red (33%)
- Green (56%)
- Blue (51%)



- Red (33%)
- Yellow (46%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1760, -30.3950, -16.3390 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 123.1760, -30.3950, -16.3390 by changing the saturation by 10% instead.

■ 123.1760,
-30.3950, -16.3390

■ 123.1760,
-30.3950, -16.3390

■ 255.0000, -0.0000,
-0.0000

■ 97.2900, -30.7160,
-16.0280

■ 176.4640,
-31.2660, -17.0740

■ 72.1050, -31.6330,
-15.9290

■ 204.0510,
-31.5410, -17.5970

■ 46.4140, -36.9970,
-17.8370

■ 232.7520,
-32.1370, -17.8090

■ 30.5190, -23.9310,
-12.3390

■ 244.5350,
-20.8600, -7.4200

■ 16.8580, -11.6440,
-9.2440

■ 253.2060, -3.5760,
-1.2720

■ 0.0000, 0.0000,
0.0000

■ 123.1760,
-30.3950, -16.3390

■ 123.1760,
-30.3950, -16.3390

■ 118.6480,
-37.7760, -20.2400

■ 127.7040,
-23.0140, -12.4380

■ 114.1200,
-45.1570, -24.1410

■ 132.2320,
-15.6330, -8.5370

■ 109.1790,
-52.8130, -28.5650

■ 137.1730, -7.9770,
-4.1130

■ 104.6510,
-60.1940, -32.4660

■ 141.7010, -0.5960,
-0.2120

■ 100.1230,
-67.5750, -36.3670

■ 146.2290, 6.7850,
3.6890

■ 95.8940, -74.3600,
-40.0560

■ 150.7570, 14.1660,
7.5900

■ 155.2850, 21.5470,
11.4910

■ 160.2260, 29.2030,

15.9150

■ 164.7540, 36.5840,
19.8160

Harmonies

Analogous

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



125.8160, -11.8260, -16.9620



123.1760, -30.3950, -16.3390



122.0530, -43.0500, -12.7620

Triad

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



123.1760, -30.3950, -16.3390



132.8270, -9.2180, 12.8780



132.0390, 30.6270, 1.1150

Complementary

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



123.1760, -30.3950, -16.3390



102.8240, 30.3950, 16.3390

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.



133.2060, 31.9550, 10.0910



123.1760, -30.3950, -16.3390



134.7000, 10.3130, 16.8490

Square

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



123.1760, -30.3950, -16.3390



129.3190, -28.5190, 4.7370



134.1870, 24.9390, 16.0990



130.8650, 22.0090, -7.9030

Rectangle

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



123.1760, -30.3950, -16.3390



123.0300, -44.2430, -7.6590



134.1870, 24.9390, 16.0990



132.5170, 32.2770, 4.2530

Sweetspot

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



123.1760, -30.3950, -16.3390



176.8520, -11.5070, -6.2190



122.2320, -7.6060, -27.3660



87.7710, -6.7850, -3.6890



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.



123.1760, -30.3950, -16.3390



154.6960, -46.8990, -25.6110



115.8530, -30.4430, -4.4510



68.7930, -3.8510, -1.7950



91.2150, -70.8300, -37.9500



5.3800, -4.1260, -2.3180

Inverse Universe

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



102.8240, 30.3950, 16.3390



123.1900, 47.2200, 25.3000



110.1470, 30.4430, 4.4510



66.3210, 3.5300, 2.1060



43.7850, 70.8300, 37.9500



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 123.1760, -30.3950, -16.3390 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 123.1760, -30.3950, -16.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

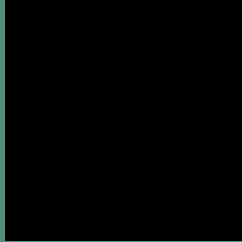
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

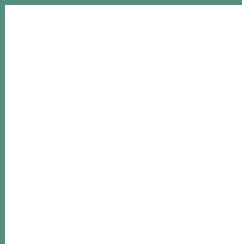
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.1760, -30.3950, -16.3390 Background



This preview shows how black text looks on a background with the YIQ color 123.1760, -30.3950, -16.3390.



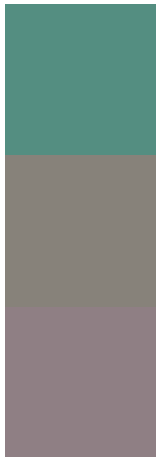
This preview shows how white text looks on a background with the YIQ color 123.1760, -30.3950, -16.3390.

-16.3390.

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

123.1760, -30.3950, -16.3390

Protanopia

130.5830, 5.5480, -1.4280

Deuteranopia

132.3540, 7.9310, 4.9470



Tritanopia

125.3040, -33.3310, -7.1790

Trichromacy



Original Color

123.1760, -30.3950, -16.3390

Protanomaly

127.5920, -7.8390, -6.6150

Deuteranomaly

128.8960, -5.6390, -2.4310

Tritanomaly

124.3810, -32.2300, -10.6140

Monochromacy



Original Color

123.1760, -30.3950, -16.3390

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1510, -10.9110, -6.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1760, -30.3950, -16.3390 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(84, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(84, 142, 129)  
}
```

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(84, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 142, 129) }
```

Border

The CSS property to change the border of an element to YIQ 123.1760, -30.3950, -16.3390 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(84, 142, 129) }
```


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

```
.border{ border-color:rgb(84, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(84, 142,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1760, -30.3950, -16.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 142, 129) }
```

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

```
.background{ background-color: rgb(84, 142,  
129) }
```

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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