

Converting Colors

YIQ(145.7850, -27.7360,
-14.9680)

Have a look what the booklet for
YIQ(145.7850, -27.7360, -14.9680)
contains.

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Color

**YIQ(145.7850, -27.7360,
-14.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA397
RGB	110, 163, 151
RGB Percent	43%, 64%, 59%
CMY	0.5688, 0.3607, 0.4079
CMYK	0.33, 0.00, 0.07, 0.36
HSL	166°, 22%, 54%
HSV	166°, 33%, 64%
XYZ	25.1111, 31.7486, 34.0718
YIQ	145.7850, -27.7360, -14.9680

Conversions

Conversions Part 2

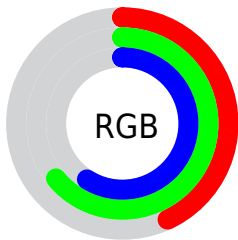
Format	Color
RYB	110, 140, 163
Decimal	7250839
CIELab	63.13, -20.26, 0.66
CIELCh	63, 20.275, 178.143
Yxy	31.7486, 0.2762, 0.3491
Android (android.graphics.Color)	4285440919 (0xFF6EA397)
YUV	145.7850, 2.5710, -31.3834
Hunter-Lab	56.3459, -19.0550, 3.5901

Details

The YIQ color **145.7850, -27.7360, -14.9680** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127.2150, 27.7360, 14.9680**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0730, -28.6070, -15.7030**, and **94.1980, -27.4610, -14.4450** is the 20% darker color. If you saturate the color by 10%, you get **140.5450, -35.9880, -19.6040**, and if you desaturate by 10%, it is **151.0250, -19.4840, -10.3320**.

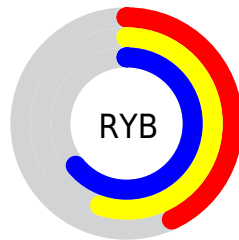
Distribution



Red (43%)

Green (64%)

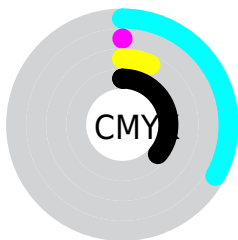
Blue (59%)



Red (43%)

Yellow (55%)

Blue (64%)

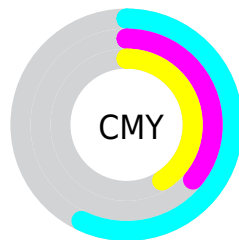


Cyan (33%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7850, -27.7360, -14.9680 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 145.7850, -27.7360, -14.9680 by changing the saturation by 10% instead.

■ 145.7850,
-27.7360, -14.9680

■ 145.7850,
-27.7360, -14.9680

■ 255.0000, -0.0000,
-0.0000

■ 119.7850,
-27.7360, -14.9680

■ 200.0730,
-28.6070, -15.7030

■ 94.1980, -27.4610,
-14.4450

■ 228.6600,
-28.8820, -16.2260

■ 69.3120, -27.7820,
-14.1340

■ 244.2360,
-21.4560, -7.6320

■ 44.3330, -32.2750,
-15.3070

■ 252.9070, -4.1720,
-1.4840

■ 27.7150, -21.5470,
-11.4910

■ 12.1790, -8.1140,
-7.1380

■ 0.0000, 0.0000,

0.0000

■ 145.7850,
-27.7360, -14.9680

■ 145.7850,
-27.7360, -14.9680

■ 140.5450,
-35.9880, -19.6040

■ 151.0250,
-19.4840, -10.3320

■ 135.1200,
-45.1570, -24.1410

■ 156.4500,
-10.3150, -5.7950

■ 129.8800,
-53.4090, -28.7770

■ 161.6900, -2.0630,
-1.1590

■ 124.6400,
-61.6610, -33.4130

■ 166.9300, 6.1890,
3.4770

■ 119.1010,
-70.5090, -38.2610

■ 172.0560, 14.7620,
7.8020

■ 113.9750,
-79.0820, -42.5860

■ 177.5950, 23.6100,
12.6500

■ 110.0450,
-85.2710, -46.0630

■ 182.8350, 31.8620,
17.2860

■ 188.0750, 40.1140,
21.9220

■ 192.9020, 48.0910,
26.0350

Harmonies

Analogous

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



147.9410, -10.6800, -15.7040



145.7850, -27.7360, -14.9680



145.4450, -38.2820, -11.0660

Triad

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



145.7850, -27.7360, -14.9680



154.4850, -8.2550, 11.9450



153.5550, 29.1140, 1.0020

Complementary

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



145.7850, -27.7360, -14.9680



127.2150, 27.7360, 14.9680

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.



155.1950, 30.4880, 9.1440



145.7850, -27.7360, -14.9680



155.8740, 9.7630, 15.8030

Square

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



145.7850, -27.7360, -14.9680



151.2870, -25.4930, 4.9630



155.7630, 23.1970, 14.6290



152.2070, 21.0460, -6.9700

Rectangle

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



145.7850, -27.7360, -14.9680



146.3080, -39.1540, -6.2740



155.7630, 23.1970, 14.6290



154.6200, 30.4890, 3.6170

Sweetspot

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



145.7850, -27.7360, -14.9680



204.8520, -11.5070, -6.2190



144.6990, -7.4230, -25.1750



102.7710, -6.7850, -3.6890



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



145.7850, -27.7360, -14.9680



185.0170, -43.3690, -23.5050



138.9350, -27.7380, -3.9140



79.0810, -4.7220, -2.5300



97.8830, -75.8270, -41.0030



12.1620, -9.4440, -5.0600

Inverse Universe

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



127.2150, 27.7360, 14.9680



155.9830, 43.3690, 23.5050



134.0650, 27.7380, 3.9140



75.9190, 4.7220, 2.5300



47.1170, 75.8270, 41.0030



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 145.7850, -27.7360, -14.9680 looks on a white background.

Color Contrast Check

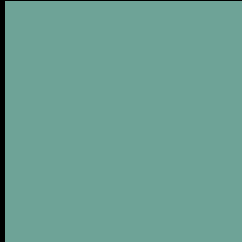
Large Text (above 18pt) WCAG AA × Fail

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 145.7850, -27.7360, -14.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

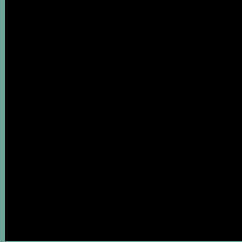
Any Text WCAG AA ✓ Pass

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 145.7850, -27.7360, -14.9680 Background



This preview shows how black text looks on a background with the YIQ color 145.7850, -27.7360, -14.9680.



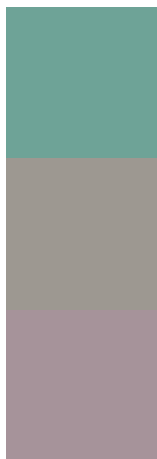
This preview shows how white text looks on a background with the YIQ color 145.7850, -27.7360, -14.9680.

-14.9680.

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

145.7850, -27.7360, -14.9680

Protanopia

152.6970, 5.2270, -1.1170

Deuteranopia

153.4790, 9.0770, 6.2050



Tritanopia

148.0270, -30.9930, -5.4970

Trichromacy



Original Color

145.7850, -27.7360, -14.9680

Protanomaly

150.1900, -6.6470, -6.1910

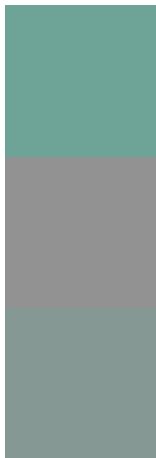
Deuteranomaly

150.9070, -4.1720, -1.4840

Tritanomaly

147.1040, -29.8920, -8.9320

Monochromacy



Original Color

145.7850, -27.7360, -14.9680

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.8630, -10.0400, -5.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7850, -27.7360, -14.9680 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(110, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(110, 163, 151)  
}
```

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(110, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 163, 151) }
```

Border

The CSS property to change the border of an element to YIQ 145.7850, -27.7360, -14.9680 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(110, 163, 151) }
```


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

```
.border{ border-color:rgb(110, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(110, 163,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7850, -27.7360, -14.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 163, 151) }
```

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

```
.background{ background-color: rgb(110,  
163, 151) }
```

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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