

Converting Colors

YIQ(127.6260, -40.7100,
-22.1340)

Have a look what the booklet for
YIQ(127.6260, -40.7100, -22.1340)
contains.

YIQ(127.6260, -40.7100, -22.1340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.6260, -40.7100,
-22.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9987
RGB	75, 153, 135
RGB Percent	29%, 60%, 53%
CMY	0.7061, 0.3999, 0.4707
CMYK	0.51, 0.00, 0.12, 0.40
HSL	166°, 34%, 45%
HSV	166°, 51%, 60%
XYZ	18.6648, 26.0352, 26.9493
YIQ	127.6260, -40.7100, -22.1340

Conversions

Conversions Part 2

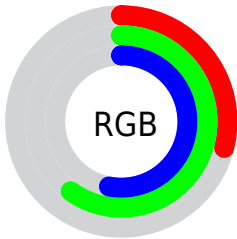
Format	Color
R_{YB}	75, 119, 153
Decimal	4954503
CIE _{Lab}	58.07, -28.64, 2.14
CIE _{LCh}	58, 28.724, 175.736
Yxy	26.0352, 0.2605, 0.3634
Android (android.graphics.Color)	4283144583 (0xFF4B9987)
YUV	127.6260, 3.6354, -46.1530
Hunter-Lab	51.0247, -23.9980, 4.4026

Details

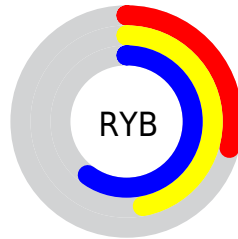
The YIQ color **127.6260, -40.7100, -22.1340** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.3740, 40.7100, 22.1340**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.0990, -40.6640, -22.9680**, and **72.5650, -47.9080, -23.8440** is the 20% darker color. If you saturate the color by 10%, you get **122.6850, -48.3660, -26.5580**, and if you desaturate by 10%, it is **132.5670, -33.0540, -17.7100**.

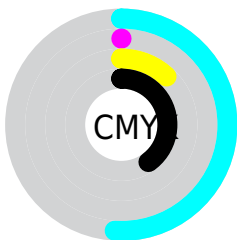
Distribution



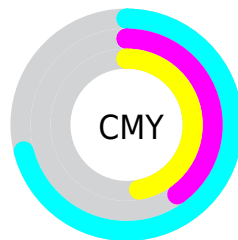
- Red (29%)
- Green (60%)
- Blue (53%)



- Red (29%)
- Yellow (47%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6260, -40.7100, -22.1340 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 127.6260, -40.7100, -22.1340 by changing the saturation by 10% instead.

■ 127.6260,
-40.7100, -22.1340

■ 127.6260,
-40.7100, -22.1340

■ 255.0000, -0.0000,
-0.0000

■ 101.1420,
-42.2230, -22.2470

■ 182.0990,
-40.6640, -22.9680

■ 72.2660, -48.5040,
-24.0560

■ 210.0990,
-40.6640, -22.9680

■ 52.2670, -41.0770,
-20.9890

■ 232.8160,
-38.1890, -18.2610

■ 36.2580, -27.6900,
-15.8020

■ 242.7410,
-24.4360, -8.6920

■ 22.2380, -15.7700,
-11.5620

■ 251.4120, -7.1520,
-2.5440

■ 0.0000, 0.0000,
0.0000

■ 127.6260,
-40.7100, -22.1340

■ 127.6260,
-40.7100, -22.1340

■ 122.6850,
-48.3660, -26.5580

■ 132.5670,
-33.0540, -17.7100

■ 117.5590,
-56.9390, -30.8830

■ 137.6930,
-24.4810, -13.3850

■ 112.6180,
-64.5950, -35.3070

■ 142.6340,
-16.8250, -8.9610

■ 107.7910,
-72.5720, -39.4200

■ 147.4610, -8.8480,
-4.8480

■ 103.2630,
-79.9530, -43.3210

■ 152.4020, -1.1920,
-0.4240

■ 157.5280, 7.3810,
3.9010

■ 162.4690, 15.0370,
8.3250

■ 167.2960, 23.0140,

12.4380

■ 172.5360, 31.2660,
17.0740

Harmonies

Analogous

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



131.9850, -13.9800, -21.9800



127.6260, -40.7100, -22.1340



123.8980, -61.8470, -19.0230

Triad

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



127.6260, -40.7100, -22.1340



141.0100, -13.9870, 16.7090



139.9430, 39.7050, 1.7930

Complementary

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



127.6260, -40.7100, -22.1340



100.3740, 40.7100, 22.1340

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.



141.6910, 40.8950, 13.2710



127.6260, -40.7100, -22.1340



143.3460, 11.5500, 21.9660

Square

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



127.6260, -40.7100, -22.1340



135.3870, -40.3940, 5.1900



143.0570, 31.3570, 20.9330



138.4050, 29.1160, -10.0520

Rectangle

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



127.6260, -40.7100, -22.1340



125.0320, -64.9200, -12.8880



143.0570, 31.3570, 20.9330



140.9480, 41.3090, 5.7650

Sweetspot

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



127.6260, -40.7100, -22.1340



189.2320, -15.6330, -8.5370



126.1680, -10.7220, -36.9780



93.4610, -8.8480, -4.8480



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.



127.6260, -40.7100, -22.1340



159.6290, -63.1280, -34.3600



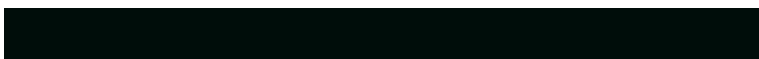
117.3510, -40.7130, -5.5530



74.3800, -4.1260, -2.3180



94.4920, -73.1680, -39.6320



8.7710, -6.7850, -3.6890

Inverse Universe

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



100.3740, 40.7100, 22.1340



117.3710, 63.1280, 34.3600



110.6490, 40.7130, 5.5530



71.6200, 4.1260, 2.3180



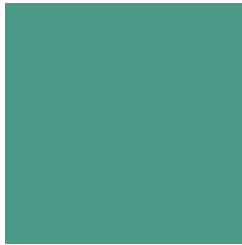
45.5080, 73.1680, 39.6320



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 127.6260, -40.7100, -22.1340 looks on a white background.

Color Contrast Check

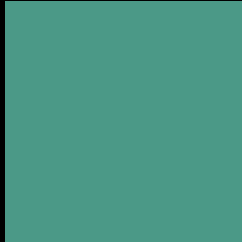
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6260, -40.7100, -22.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

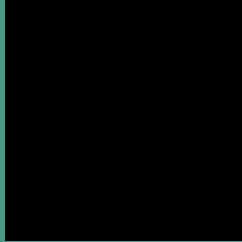
Any Text WCAG AA ✓ Pass

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 127.6260, -40.7100, -22.1340 Background



This preview shows how black text looks on a background with the YIQ color 127.6260, -40.7100, -22.1340.



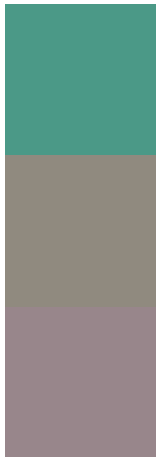
This preview shows how white text looks on a background with the YIQ color 127.6260, -40.7100, -22.1340.

-22.1340.

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

127.6260, -40.7100, -22.1340

Protanopia

138.5400, 7.1070, -2.1490

Deuteranopia

139.9520, 9.1230, 5.3710



Tritanopia

130.6340, -43.1880, -10.2600

Trichromacy



Original Color

127.6260, -40.7100, -22.1340

Protanomaly

134.3420, -10.1310, -9.1310

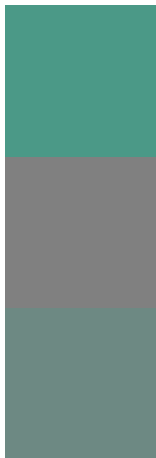
Deuteranomaly

135.5750, -9.1690, -4.5370

Tritanomaly

129.2980, -42.3620, -14.2180

Monochromacy



Original Color

127.6260, -40.7100, -22.1340

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9440, -14.7620, -7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6260, -40.7100, -22.1340 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(75, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(75, 153, 135)  
}
```

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(75, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 153, 135) }
```

Border

The CSS property to change the border of an element to YIQ 127.6260, -40.7100, -22.1340 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(75, 153, 135) }
```


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

```
.border{ border-color:rgb(75, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(75, 153,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6260, -40.7100, -22.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 153, 135) }
```

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

```
.background{ background-color: rgb(75, 153,  
135) }
```

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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