

Converting Colors

YIQ(103.9870, 62.7680, -3.1840)

Have a look what the booklet for
YIQ(103.9870, 62.7680, -3.1840)
contains.

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Color

**YIQ(103.9870, 62.7680,
-3.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	A2591D
RGB	162, 89, 29
RGB Percent	64%, 35%, 11%
CMY	0.3646, 0.6511, 0.8860
CMYK	0.00, 0.45, 0.82, 0.36
HSL	27°, 70%, 37%
HSV	27°, 82%, 64%
XYZ	18.6999, 14.9137, 3.0603
YIQ	103.9870, 62.7680, -3.1840

Conversions

Conversions Part 2

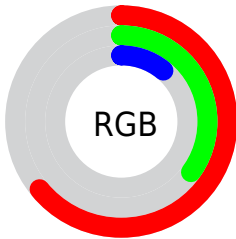
Format	Color
R_{YB}	162, 138, 29
Decimal	10639645
CIE Lab	45.52, 25.65, 45.25
CIE LCh	46, 52.018, 60.453
Yxy	14.9137, 0.5099, 0.4067
Android (android.graphics.Color)	4288829725 (0xFFA2591D)
YUV	103.9870, -36.9686, 50.8774
Hunter-Lab	38.6183, 18.8518, 22.3343

Details

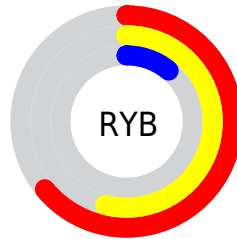
The YIQ color **103.9870, 62.7680, -3.1840** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **87.0130, -62.7680, 3.1840**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.4500, 68.7740, -1.8980**, and **56.0490, 51.0300, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **96.8800, 70.3790, -3.4530**, and if you desaturate by 10%, it is **111.0940, 55.1570, -2.9150**.

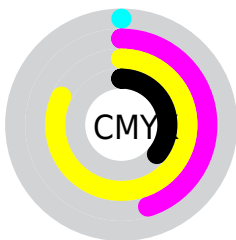
Distribution



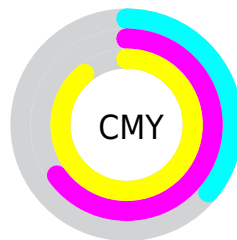
- Red (64%)
- Green (35%)
- Blue (11%)



- Red (64%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.9870, 62.7680, -3.1840 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 103.9870, 62.7680, -3.1840 by changing the saturation by 10% instead.

103.9870, 62.7680,
-3.1840

103.9870, 62.7680,
-3.1840

255.0000, -0.0000,
-0.0000

78.1500, 60.7510,
-5.1770

157.4500, 68.7740,
-1.8980

56.0490, 51.0300,
0.2940

184.5320, 71.4790,
-1.3610

33.8770, 40.0710,
6.1750

204.8290, 57.2210,
-7.2830

14.9500, 29.8000,
10.6000

224.3430, 40.8540,
-13.5300

4.7840, 9.5360,
3.3920

243.8570, 24.4870,
-19.7770

0.0000, 0.0000,
0.0000

249.9840, 14.1240,

-13.6840

253.2900, 4.8150,
-4.6650

103.9870, 62.7680,
-3.1840

103.9870, 62.7680,
-3.1840

96.8800, 70.3790,
-3.4530

111.0940, 55.1570,
-2.9150

91.2890, 76.4770,
-3.8350

118.2010, 47.5460,
-2.6460

125.4220, 39.6140,
-2.0660

132.5290, 32.0030,
-1.7970

139.0490, 24.6670,
-1.0050

■ 146.1560, 17.0560,
-0.7360

■ 153.3770, 9.1240,
-0.1560

■ 160.4840, 1.5130,
0.1130

■ 167.5910, -6.0980,
0.3820

Harmonies

Analogous

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



103.6190, 67.7610, 21.9770



103.9870, 62.7680, -3.1840



100.4940, 47.1380, -28.3020

Triad

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



103.9870, 62.7680, -3.1840



87.3340, -69.5470, -33.6670



109.2070, -21.3710, 29.3890

Complementary

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



103.9870, 62.7680, -3.1840



87.0130, -62.7680, 3.1840

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.



88.5610, -93.6700, 1.5460



103.9870, 62.7680, -3.1840



92.3500, -83.6710, -19.9830

Square

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



103.9870, 62.7680, -3.1840



80.4430, -54.2770, -46.0930



93.0630, -92.5680, -7.4160



109.6660, 25.9890, 41.1330

Rectangle

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



103.9870, 62.7680, -3.1840



98.2570, 25.6360, -35.1000



93.0630, -92.5680, -7.4160



105.4540, -41.3600, 22.7040

Sweetspot

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



103.9870, 62.7680, -3.1840



188.9350, 24.9880, -1.3160



77.0890, 55.8350, 50.8990



92.7860, 15.2220, -0.5380



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.



103.9870, 62.7680, -3.1840



121.3700, 98.1180, -5.0660



142.7290, 44.6180, -37.7020



78.0390, 4.2640, -0.1840



81.5100, 68.5450, -3.2550



10.0780, 8.5280, -0.3680

Inverse Universe

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



87.0130, -62.7680, 3.1840



94.6300, -98.1180, 5.0660



48.2710, -44.6180, 37.7020



76.9610, -4.2640, 0.1840



63.4900, -68.5450, 3.2550



7.9220, -8.5280, 0.3680

Previews

White Background



This preview shows how the YIQ color 103.9870, 62.7680, -3.1840 looks on a white 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

Black Background



This preview shows how the YIQ color 103.9870, 62.7680, -3.1840 looks on a black 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

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

YIQ 103.9870, 62.7680, -3.1840

Background



This preview shows how black text looks on a background with the YIQ color 103.9870, 62.7680, -3.1840.



This preview shows how white text looks on a background with the YIQ color 103.9870, 62.7680, -3.1840.

-3.1840.

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

103.9870, 62.7680, -3.1840

Protanopia

104.0380, 31.2270, -20.7810

Deuteranopia

103.7470, 45.3480, -17.8840



Tritanopia

108.2020, 46.9460, 19.2500

Trichromacy



Original Color

103.9870, 62.7680, -3.1840

Protanomaly

104.1860, 42.7340, -14.5620

Deuteranomaly

103.7310, 51.4450, -12.7390

Tritanomaly

106.5690, 52.8620, 11.1500

Monochromacy



Original Color

103.9870, 62.7680, -3.1840

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.2660, 22.5580, -1.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9870, 62.7680, -3.1840 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(162, 89, 29)` looks like.

```
.text, #text, p{  
    color:rgb(162, 89, 29)  
}
```

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(162, 89, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 89, 29) }
```

Border

The CSS property to change the border of an element to YIQ 103.9870, 62.7680, -3.1840 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(162, 89, 29) }
```


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

```
.border{ border-color:rgb(162, 89, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 89, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 89, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 89, 29);  
box-shadow:4px 4px 4px 4px rgb(162, 89,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9870, 62.7680, -3.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 89, 29) }
```

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

```
.background{ background-color: rgb(162, 89,  
29) }
```

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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