

Converting Colors

YIQ(167.3770, 26.3190, -8.9210)

Have a look what the booklet for
YIQ(167.3770, 26.3190, -8.9210)
contains.

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Color

**YIQ(167.3770, 26.3190,
-8.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA67B
RGB	187, 166, 123
RGB Percent	73%, 65%, 48%
CMY	0.2666, 0.3490, 0.5175
CMYK	0.00, 0.11, 0.34, 0.27
HSL	40°, 32%, 61%
HSV	40°, 34%, 73%
XYZ	37.7069, 39.2657, 24.3421
YIQ	167.3770, 26.3190, -8.9210

Conversions

Conversions Part 2

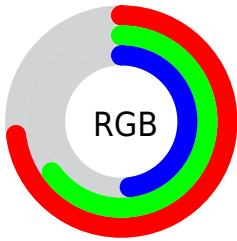
Format	Color
RYB	154, 187, 123
Decimal	12297851
CIELab	68.94, 1.26, 25.07
CIELCh	69, 25.101, 87.127
Yxy	39.2657, 0.3722, 0.3876
Android (android.graphics.Color)	4290487931 (0xFFBBA67B)
YUV	167.3770, -21.8779, 17.2094
Hunter-Lab	62.6623, -2.2471, 20.8316

Details

The YIQ color **167.3770, 26.3190, -8.9210** is a light color, and the websafe version is hex **999966**. A complement of this color would be **142.6230, -26.3190, 8.9210**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7470, 28.1530, -9.1190**, and **115.1210, 24.1640, -8.4120** is the 20% darker color. If you saturate the color by 10%, you get **161.6890, 34.0680, -11.6920**, and if you desaturate by 10%, it is **173.0650, 18.5700, -6.1500**.

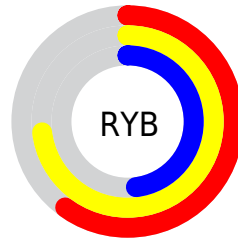
Distribution



Red (73%)

Green (65%)

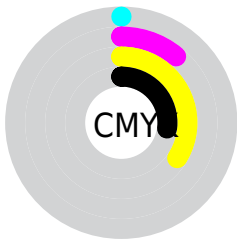
Blue (48%)



Red (60%)

Yellow (73%)

Blue (48%)

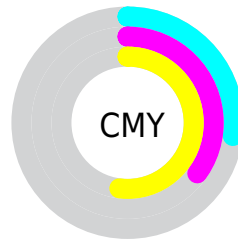


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.3770, 26.3190, -8.9210 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 167.3770, 26.3190, -8.9210 by changing the saturation by 10% instead.

■ 167.3770, 26.3190,
-8.9210

■ 167.3770, 26.3190,
-8.9210

255.0000, -0.0000,
-0.0000

■ 141.1920, 25.4020,
-8.8220

■ 222.7470, 28.1530,
-9.1190

■ 115.1210, 24.1640,
-8.4120

■ 245.5500, 18.3420,
-13.0340

■ 90.6370, 22.6510,
-8.5250

■ 252.3780, 7.3830,
-7.1530

■ 66.5660, 21.4130,
-8.1150

■ 43.7400, 20.8630,
-9.1610

■ 24.5530, 14.2600,
-5.1320

■ 0.0000, 0.0000,

0.0000

■ 167.3770, 26.3190,
-8.9210

■ 167.3770, 26.3190,
-8.9210

■ 161.6890, 34.0680,
-11.6920

■ 173.0650, 18.5700,
-6.1500

■ 156.1150, 41.4960,
-14.1520

■ 178.6390, 11.1420,
-3.6900

■ 150.4270, 49.2450,
-16.9230

■ 184.3270, 3.3930,
-0.9190

■ 144.1520, 57.2690,
-19.1710

■ 190.6020, -4.6310,
1.3290

■ 138.5780, 64.6970,
-21.6310

■ 196.2900,
-12.3800, 4.1000

■ 132.8900, 72.4460,
-24.4020

■ 201.8640,
-19.8080, 6.5600

■ 129.8750, 76.8020,
-26.2540

■ 207.5520,
-27.5570, 9.3310

■ 211.1880,
-29.5280, 6.5040

■ 214.7100,
-31.1780, 3.3660

Harmonies

Analogous

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



168.9750, 36.6790, 1.5670



167.3770, 26.3190, -8.9210



164.7660, 8.8060, -16.4260

Triad

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



167.3770, 26.3190, -8.9210



157.8780, -49.9270, -14.7830



171.8790, 11.3670, 19.7750

Complementary

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



167.3770, 26.3190, -8.9210



142.6230, -26.3190, 8.9210

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.



170.0380, -11.1900, 15.5780



167.3770, 26.3190, -8.9210



160.2730, -49.2410, -5.1850

Square

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



167.3770, 26.3190, -8.9210



158.8440, -35.3920, -19.3920



165.6220, -33.7460, 5.8540



171.8070, 29.0650, 18.4170

Rectangle

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



167.3770, 26.3190, -8.9210



163.1710, -5.6360, -19.0120



165.6220, -33.7460, 5.8540



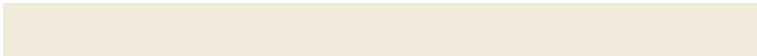
171.6440, 4.7190, 19.1110

Sweetspot

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



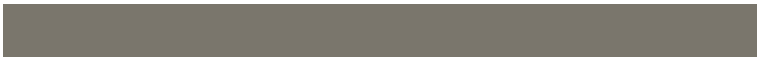
167.3770, 26.3190, -8.9210



234.5680, 9.9040, -3.2800



144.5300, 31.4030, 20.0990



118.0560, 5.5940, -2.2620



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



167.3770, 26.3190, -8.9210



211.9300, 40.5790, -14.0530



176.4150, 13.9880, -22.2360



91.2130, 3.7140, -1.2300



109.4640, 65.0180, -21.9420



21.5960, 12.7010, -4.4110

Inverse Universe

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



142.6230, -26.3190, 8.9210



173.6570, -40.8540, 13.5300



133.5850, -13.9880, 22.2360



87.7870, -3.7140, 1.2300



48.5360, -65.0180, 21.9420



9.4040, -12.7010, 4.4110

Previews

White Background



This preview shows how the YIQ color 167.3770, 26.3190, -8.9210 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 167.3770, 26.3190, -8.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

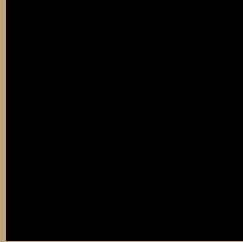
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.3770, 26.3190, -8.9210

Background



This preview shows how black text looks on a background with the YIQ color 167.3770, 26.3190, -8.9210.



This preview shows how white text looks on a background with the YIQ color 167.3770, 26.3190,

-8.9210.

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

167.3770, 26.3190, -8.9210

Protanopia

166.8710, 21.8720, -10.9280

Deuteranopia

168.1440, 34.5250, -3.4510



Tritanopia

170.9360, 15.2200, 10.5160

Trichromacy



Original Color

167.3770, 26.3190, -8.9210

Protanomaly

166.8820, 23.3390, -9.9810

Deuteranomaly

168.1220, 31.5910, -5.3450

Tritanomaly

169.4600, 19.2560, 3.4480

Monochromacy



Original Color

167.3770, 26.3190, -8.9210

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.2690, 9.3080, -3.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.3770, 26.3190, -8.9210 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(187, 166, 123)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 123)  
}
```

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(187, 166, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 123) }
```

Border

The CSS property to change the border of an element to YIQ 167.3770, 26.3190, -8.9210 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(187, 166, 123) }
```


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

```
.border{ border-color:rgb(187, 166, 123) }
```

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

Here you see how a box with a 4 pixel rgb(187, 166, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 123);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 167.3770, 26.3190, -8.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 123) }
```

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

```
.background{ background-color: rgb(187,  
166, 123) }
```

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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