

Converting Colors

YIQ(97.5560, -70.0520,
-30.0200)

Have a look what the booklet for
YIQ(97.5560, -70.0520, -30.0200)
contains.

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Color

**YIQ(97.5560, -70.0520,
-30.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	0C887C
RGB	12, 136, 124
RGB Percent	5%, 53%, 49%
CMY	0.9532, 0.4665, 0.5140
CMYK	0.91, 0.00, 0.09, 0.47
HSL	174°, 84%, 29%
HSV	174°, 91%, 53%
XYZ	12.5958, 19.1541, 22.0793
YIQ	97.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

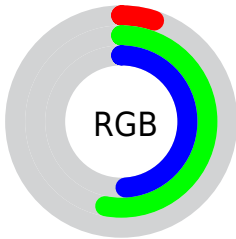
Format	Color
RYB	12, 77, 136
Decimal	821372
CIELab	50.87, -33.30, -2.21
CIElCh	51, 33.376, 183.800
Yxy	19.1541, 0.2340, 0.3558
Android (android.graphics.Color)	4279011452 (0xFF0C887C)
YUV	97.5560, 13.0369, -75.0326
Hunter-Lab	43.7654, -25.2167, 0.7244

Details

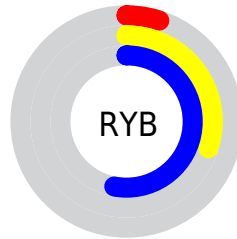
The YIQ color **97.5560, -70.0520, -30.0200** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **50.4440, 70.0520, 30.0200**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6070, -56.8940, -26.1900**, and **58.4450, -47.4500, -21.1300** is the 20% darker color. If you saturate the color by 10%, you get **93.8540, -76.8830, -32.8750**, and if you desaturate by 10%, it is **101.8560, -62.0290, -26.7410**.

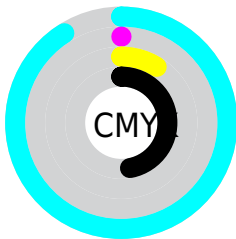
Distribution



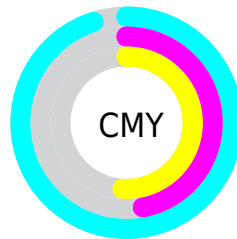
- Red (5%)
- Green (53%)
- Blue (49%)



- Red (5%)
- Yellow (30%)
- Blue (53%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5560, -70.0520, -30.0200 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 97.5560, -70.0520, -30.0200 by changing the saturation by 10% instead.

97.5560, -70.0520,
-30.0200

97.5560, -70.0520,
-30.0200

255.0000, -0.0000,
-0.0000

75.8560, -62.0290,
-26.7410

157.6070,
-56.8940, -26.1900

58.4450, -47.4500,
-21.1300

185.9060,
-56.2980, -25.9780

41.8490, -33.7880,
-15.4200

214.4930,
-56.5730, -26.5010

26.5410, -20.9970,
-10.4450

230.4820,
-48.8720, -17.3840

4.4340, -4.2180,
-0.6500

239.4520,
-30.9920, -11.0240

0.0000, 0.0000,
0.0000

248.1230,

-13.7080, -4.8760

■ 97.5560, -70.0520,
-30.0200

■ 97.5560, -70.0520,
-30.0200

■ 93.8540, -76.8830,
-32.8750

■ 101.8560,
-62.0290, -26.7410

■ 105.9710,
-54.9230, -23.3630

■ 110.2710,
-46.9000, -20.0840

■ 114.2720,
-39.4730, -17.0170

■ 118.6860,
-31.7710, -13.4270

■ 122.9860,
-23.7480, -10.1480

■ 126.9870,
-16.3210, -7.0810

■ 131.4010, -8.6190,
-3.4910

■ 135.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



110.4180, -25.6250, -25.6970



97.5560, -70.0520, -30.0200



96.5730, -85.9170, -23.3330

Triad

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



97.5560, -70.0520, -30.0200



123.4670, -7.8440, 21.0200



120.6780, 41.7690, -2.5750

Complementary

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



97.5560, -70.0520, -30.0200



50.4440, 70.0520, 30.0200

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.



122.2740, 46.4430, 11.8430



97.5560, -70.0520, -30.0200



125.0590, 19.8480, 25.7680

Square

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



97.5560, -70.0520, -30.0200



117.3100, -41.4950, 8.6250



123.4170, 39.1510, 22.8550



118.8730, 27.5580, -14.8580

Rectangle

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



97.5560, -70.0520, -30.0200



96.9950, -89.8610, -17.9330



123.4170, 39.1510, 22.8550



120.8080, 44.5190, 2.6550

Sweetspot

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



97.5560, -70.0520, -30.0200



161.0780, -27.0030, -11.7310



88.3760, -26.9480, -62.3080



80.2860, -15.7250, -6.8690



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



97.5560, -70.0520, -30.0200



121.4380, -99.4390, -42.5990



69.5740, -60.1540, -0.1380



66.7930, -3.8510, -1.7950



91.7510, -75.0950, -32.2390



3.5050, -2.9800, -1.0600

Inverse Universe

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



50.4440, 70.0520, 30.0200



54.5620, 99.4390, 42.5990



78.4260, 60.1540, 0.1380



64.2070, 3.8510, 1.7950



41.2490, 75.0950, 32.2390



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 97.5560, -70.0520, -30.0200 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 97.5560, -70.0520, -30.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

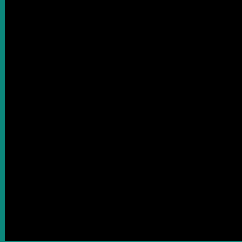
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 97.5560, -70.0520, -30.0200

Background



This preview shows how black text looks on a background with the YIQ color 97.5560, -70.0520, -30.0200.



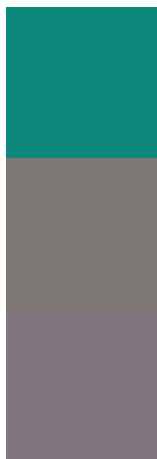
This preview shows how white text looks on a background with the YIQ color 97.5560, -70.0520,

-30.0200.

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

97.5560, -70.0520, -30.0200

Protanopia

120.6260, 3.9890, -0.7070

Deuteranopia

121.8420, 3.6210, 5.9650



Tritanopia

104.9520, -61.9390, -17.3550

Trichromacy



Original Color

97.5560, -70.0520, -30.0200

Protanomaly

112.2310, -23.0600, -11.6040

Deuteranomaly

112.9800, -23.6110, -7.1230

Tritanomaly

102.3490, -64.7350, -21.7510

Monochromacy



Original Color

97.5560, -70.0520, -30.0200

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9750, -25.2150, -11.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5560, -70.0520, -30.0200 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(12, 136, 124)` looks like.

```
.text, #text, p{  
    color:rgb(12, 136, 124)  
}
```

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(12, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 136, 124) }
```

Border

The CSS property to change the border of an element to YIQ 97.5560, -70.0520, -30.0200 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(12, 136, 124) }
```


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

```
.border{ border-color:rgb(12, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(12, 136,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5560, -70.0520, -30.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 136, 124) }
```

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

```
.background{ background-color: rgb(12, 136,  
124) }
```

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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