

Converting Colors

YIQ(97.5780, 83.0330, -1.5030)

Have a look what the booklet for
YIQ(97.5780, 83.0330, -1.5030)
contains.

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Color

**YIQ(97.5780, 83.0330,
-1.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	B04C03
RGB	176, 76, 3
RGB Percent	69%, 30%, 1%
CMY	0.3096, 0.7021, 0.9878
CMYK	0.00, 0.57, 0.98, 0.31
HSL	25°, 97%, 35%
HSV	25°, 98%, 69%
XYZ	20.5141, 14.4057, 1.7883
YIQ	97.5780, 83.0330, -1.5030

Conversions

Conversions Part 2

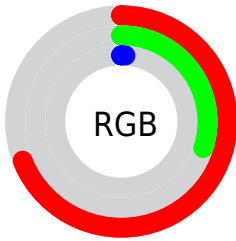
Format	Color
R_{YB}	176, 129, 3
Decimal	11553795
CIE Lab	44.81, 37.81, 54.00
CIE LCh	45, 65.927, 55.001
Yxy	14.4057, 0.5588, 0.3924
Android (android.graphics.Color)	4289743875 (0xFFB04C03)
YUV	97.5780, -46.6270, 68.7761
Hunter-Lab	37.9548, 30.0561, 23.7748

Details

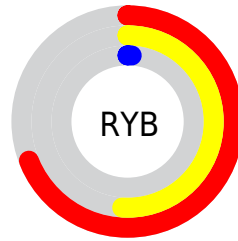
The YIQ color **97.5780, 83.0330, -1.5030** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **81.4220, -83.0330, 1.5030**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.5510, 87.6630, 2.6950**, and **49.3590, 62.2610, 11.5170** is the 20% darker color. If you saturate the color by 10%, you get **96.0620, 84.5460, -1.3900**, and if you desaturate by 10%, it is **105.5000, 74.5050, -1.1350**.

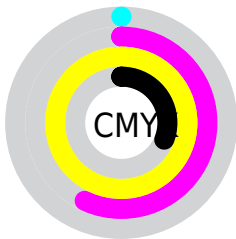
Distribution



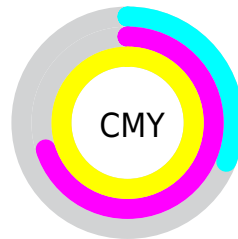
- Red (69%)
- Green (30%)
- Blue (1%)



- Red (69%)
- Yellow (51%)
- Blue (1%)



- Cyan (0%)
- Magenta (57%)
- Yellow (98%)
- Black (31%)



- Cyan (31%)
- Magenta (70%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5780, 83.0330, -1.5030 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 97.5780, 83.0330, -1.5030 by changing the saturation by 10% instead.

97.5780, 83.0330,
-1.5030

97.5780, 83.0330,
-1.5030

254.3160, 1.9260,
-1.8660

73.5910, 72.9910,
4.2790

152.5510, 87.6630,
2.6950

49.3590, 62.2610,
11.5170

176.3330, 82.3450,
-0.0470

25.7140, 51.2560,
18.2320

195.1460, 66.5740,
-6.0820

17.3420, 34.5680,
12.2960

214.5460, 50.5280,
-12.6400

8.7850, 16.9630,
6.4590

234.6470, 33.8860,
-19.4100

0.0000, 0.0000,
0.0000

247.8180, 20.2230,

-19.5930

■ 251.0100, 11.2350,
-10.8850

■ 97.5780, 83.0330,
-1.5030

■ 97.5780, 83.0330,
-1.5030

■ 96.0620, 84.5460,
-1.3900

■ 105.5000, 74.5050,
-1.1350

■ 113.3080, 66.2980,
-1.0780

■ 121.8170, 57.4950,
-1.2330

■ 129.7390, 48.9670,
-0.8650

■ 137.5470, 40.7600,
-0.8080

■ 145.4690, 32.2320,
-0.4400

■ 153.2770, 24.0250,
-0.3830

■ 161.1990, 15.4970,
-0.0150

■ 169.7080, 6.6940,
-0.1700

Harmonies

Analogous

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



93.6850, 85.7310, 37.7230



97.5780, 83.0330, -1.5030



99.9510, 53.2810, -23.9910

Triad

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



97.5780, 83.0330, -1.5030



86.5530, -65.9700, -37.9220



103.2720, -46.3590, 30.7050

Complementary

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



97.5780, 83.0330, -1.5030



81.4220, -83.0330, 1.5030

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.



92.8300, -101.5570, 6.8190



97.5780, 83.0330, -1.5030



93.5240, -84.2210, -21.0290

Square

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



97.5780, 83.0330, -1.5030



77.4790, -45.9310, -54.1790



96.3060, -97.5660, -4.9420



106.5600, 23.8320, 52.6960

Rectangle

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



97.5780, 83.0330, -1.5030



96.5410, 30.5880, -36.7400



96.3060, -97.5660, -4.9420



84.7430, -96.6980, 12.3740

Sweetspot

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



97.5780, 83.0330, -1.5030



199.4690, 32.2320, -0.4400



66.2410, 70.6870, 68.0870



96.9390, 19.1650, -0.4110



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



97.5780, 83.0330, -1.5030



125.7090, 110.4050, -1.9710



148.0600, 59.3830, -46.4810



85.0390, 4.2640, -0.1840



83.3150, 73.5880, -1.0360



14.2310, 12.4710, -0.2410

Inverse Universe

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



81.4220, -83.0330, 1.5030



104.2910, -110.4050, 1.9710



31.5270, -59.6580, 45.9580



83.9610, -4.2640, 0.1840



69.6850, -73.5880, 1.0360



11.7690, -12.4710, 0.2410

Previews

White Background



This preview shows how the YIQ color 97.5780, 83.0330, -1.5030 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 97.5780, 83.0330, -1.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

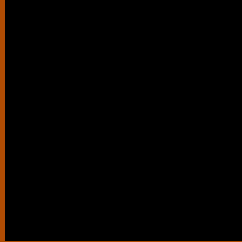
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.5780, 83.0330, -1.5030

Background



This preview shows how black text looks on a background with the YIQ color 97.5780, 83.0330, -1.5030.



This preview shows how white text looks on a background with the YIQ color 97.5780, 83.0330,

-1.5030.

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

97.5780, 83.0330, -1.5030

Protanopia

100.6270, 36.6380, -25.2340

Deuteranopia

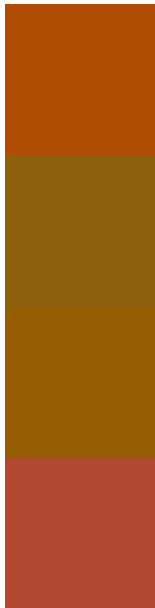
99.6520, 52.6850, -24.2030



Tritanopia

103.4490, 62.4880, 23.9280

Trichromacy



Original Color

97.5780, 83.0330, -1.5030

Protanomaly

99.5800, 53.1880, -16.7960

Deuteranomaly

98.9680, 63.7790, -16.0050

Tritanomaly

101.3600, 69.6880, 14.5840

Monochromacy



Original Color

97.5780, 83.0330, -1.5030

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.6860, 30.1230, -0.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5780, 83.0330, -1.5030 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(176, 76, 3)` looks like.

```
.text, #text, p{  
    color:rgb(176, 76, 3)  
}
```

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(176, 76, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 76, 3) }
```

Border

The CSS property to change the border of an element to YIQ 97.5780, 83.0330, -1.5030 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(176, 76, 3) }
```


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

```
.border{ border-color:rgb(176, 76, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 76, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 76, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 76, 3);  
box-shadow:4px 4px 4px 4px rgb(176, 76, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 97.5780, 83.0330, -1.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 76, 3) }
```

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

```
.background{ background-color: rgb(176, 76,  
3) }
```

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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