

Converting Colors

YIQ(99.3170, 43.7430, -16.3290)

Have a look what the booklet for
YIQ(99.3170, 43.7430, -16.3290)
contains.

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Color

**YIQ(99.3170, 43.7430,
-16.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	836217
RGB	131, 98, 23
RGB Percent	51%, 38%, 9%
CMY	0.4862, 0.6157, 0.9096
CMYK	0.00, 0.25, 0.82, 0.49
HSL	42°, 70%, 30%
HSV	42°, 82%, 51%
XYZ	13.8829, 13.6208, 2.7111
YIQ	99.3170, 43.7430, -16.3290

Conversions

Conversions Part 2

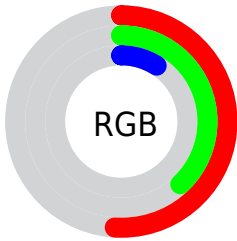
Format	Color
R_{YB}	71, 131, 23
Decimal	8610327
CIE _{Lab}	43.68, 6.06, 44.50
CIE _{LCh}	44, 44.913, 82.244
Yxy	13.6208, 0.4595, 0.4508
Android (android.graphics.Color)	4286800407 (0xFF836217)
YUV	99.3170, -37.6243, 27.7860
Hunter-Lab	36.9063, 2.5597, 21.4791

Details

The YIQ color **99.3170, 43.7430, -16.3290** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.6830, -43.7430, 16.3290**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.1110, 47.3190, -15.0570**, and **53.8460, 32.1880, -10.6600** is the 20% darker color. If you saturate the color by 10%, you get **95.4870, 49.0160, -18.2800**, and if you desaturate by 10%, it is **103.1470, 38.4700, -14.3780**.

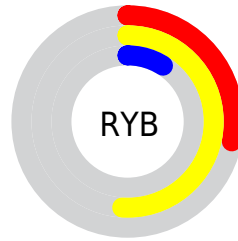
Distribution



Red (51%)

Green (38%)

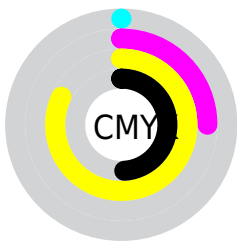
Blue (9%)



Red (28%)

Yellow (51%)

Blue (9%)

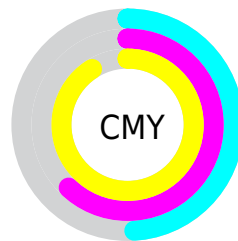


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (49%)



Cyan (49%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.3170, 43.7430, -16.3290 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 99.3170, 43.7430, -16.3290 by changing the saturation by 10% instead.

99.3170, 43.7430,
-16.3290

99.3170, 43.7430,
-16.3290

255.0000, -0.0000,
-0.0000

74.5340, 41.6340,
-16.6540

151.1110, 47.3190,
-15.0570

53.8460, 32.1880,
-10.6600

178.8940, 49.4280,
-14.7320

33.4460, 21.8710,
-5.4010

206.2640, 51.2620,
-14.9300

12.7690, 13.8920,
1.5400

228.4690, 40.2590,
-19.2690

0.0000, 0.0000,
0.0000

246.2220, 24.7170,
-23.9470

249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,
-6.2200

■ 99.3170, 43.7430,
-16.3290

■ 99.3170, 43.7430,
-16.3290

■ 95.4870, 49.0160,
-18.2800

■ 103.1470, 38.4700,
-14.3780

■ 92.5860, 53.0510,
-19.8210

■ 106.9770, 33.1970,
-12.4270

■ 110.8070, 27.9240,
-10.4760

■ 114.6370, 22.6510,
-8.5250

■ 118.5810, 17.0570,
-6.2630

■ 122.4110, 11.7840,
-4.3120

■ 126.2410, 6.5110,
-2.3610

■ 130.0710, 1.2380,
-0.4100

■ 133.9010, -4.0350,
1.5410

Harmonies

Analogous

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



100.7940, 56.3020, 3.8700



99.3170, 43.7430, -16.3290



96.3520, 18.2990, -28.7810

Triad

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



99.3170, 43.7430, -16.3290



85.8470, -75.0050, -22.8530



106.0940, 12.7400, 33.4440

Complementary

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



99.3170, 43.7430, -16.3290



54.6830, -43.7430, 16.3290

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.



102.5600, -30.0350, 21.2050



99.3170, 43.7430, -16.3290



87.6200, -84.1310, -11.6430

Square

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



99.3170, 43.7430, -16.3290



81.5150, -62.8070, -34.6710



84.7480, -87.0670, -2.4830



103.2470, 43.0460, 34.8700

Rectangle

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



99.3170, 43.7430, -16.3290



92.6680, -6.1380, -31.9460



84.7480, -87.0670, -2.4830



106.5700, -0.4640, 30.4480

Sweetspot

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



99.3170, 43.7430, -16.3290



158.4670, 17.3780, -6.5740



59.1680, 53.4540, 33.4700



79.3400, 10.5460, -3.9020



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



99.3170, 43.7430, -16.3290



121.2100, 68.5490, -25.3630



112.7080, 22.7480, -37.8280



64.1420, 2.4760, -0.8200



91.7000, 52.7300, -19.5100



2.0710, 1.2380, -0.4100

Inverse Universe

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



54.6830, -43.7430, 16.3290



51.2030, -68.2740, 25.8860



41.2920, -22.7480, 37.8280



61.8580, -2.4760, 0.8200



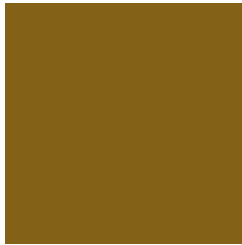
38.3000, -52.7300, 19.5100



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 99.3170, 43.7430, -16.3290 looks on a white background.

Color Contrast Check

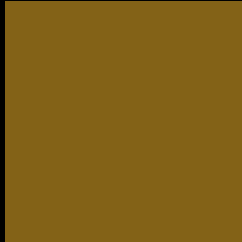
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3170, 43.7430, -16.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

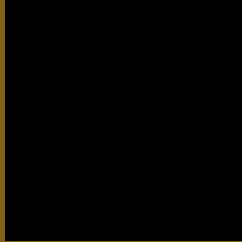
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.3170, 43.7430, -16.3290

Background



This preview shows how black text looks on a background with the YIQ color 99.3170, 43.7430, -16.3290.



This preview shows how white text looks on a background with the YIQ color 99.3170, 43.7430, -16.3290.

-16.3290.

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

99.3170, 43.7430, -16.3290

Protanopia

98.5820, 32.5110, -22.0250

Deuteranopia

99.0180, 43.1470, -16.5410



Tritanopia

105.2530, 24.5730, 11.7170

Trichromacy



Original Color

99.3170, 43.7430, -16.3290

Protanomaly

98.7890, 36.3620, -20.2300

Deuteranomaly

99.0180, 43.1470, -16.5410

Tritanomaly

103.3380, 31.2230, 1.3270

Monochromacy



Original Color

99.3170, 43.7430, -16.3290

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.3960, 16.1400, -6.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.3170, 43.7430, -16.3290 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(131, 98, 23)` looks like.

```
.text, #text, p{  
    color:rgb(131, 98, 23)  
}
```

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(131, 98, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 98, 23) }
```

Border

The CSS property to change the border of an element to YIQ 99.3170, 43.7430, -16.3290 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(131, 98, 23) }
```


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

```
.border{ border-color:rgb(131, 98, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 98, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 98, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 98, 23);  
box-shadow:4px 4px 4px 4px rgb(131, 98,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 99.3170, 43.7430, -16.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 98, 23) }
```

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

```
.background{ background-color: rgb(131, 98,  
23) }
```

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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