

Converting Colors

YIQ(101.7010, 50.9890,
-26.5070)

Have a look what the booklet for
YIQ(101.7010, 50.9890, -26.5070)
contains.

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Color

**YIQ(101.7010, 50.9890,
-26.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	866900
RGB	134, 105, 0
RGB Percent	53%, 41%, 0%
CMY	0.4745, 0.5883, 0.9997
CMYK	0.00, 0.22, 1.00, 0.47
HSL	47°, 100%, 26%
HSV	47°, 100%, 53%
XYZ	14.8824, 15.1692, 2.1456
YIQ	101.7010, 50.9890, -26.5070

Conversions

Conversions Part 2

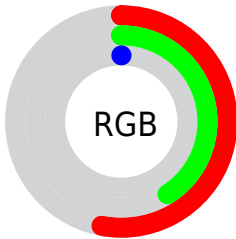
Format	Color
R_YB	37, 134, 0
Decimal	8808704
CIE _{Lab}	45.87, 2.83, 52.64
CIE _{LCh}	46, 52.719, 86.919
Yxy	15.1692, 0.4622, 0.4711
Android (android.graphics.Color)	4286998784 (0xFF866900)
YUV	101.7010, -50.1386, 28.3262
Hunter-Lab	38.9476, 0.0487, 23.9970

Details

The YIQ color **101.7010, 50.9890, -26.5070** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **32.2990, -50.9890, 26.5070**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.6350, 51.3550, -22.1250**, and **57.9660, 31.7300, -13.3740** is the 20% darker color. If you saturate the color by 10%, you get **101.7010, 50.9890, -26.5070**, and if you desaturate by 10%, it is **104.9440, 45.9910, -24.0330**.

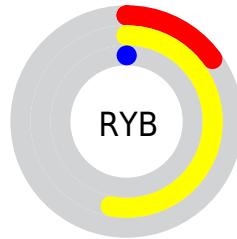
Distribution



Red (53%)

Green (41%)

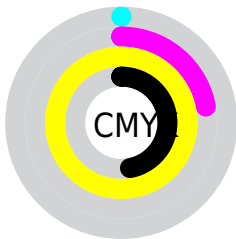
Blue (0%)



Red (15%)

Yellow (53%)

Blue (0%)

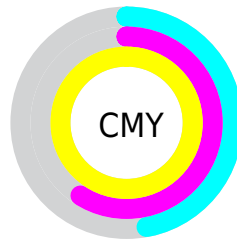


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.7010, 50.9890, -26.5070 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 101.7010, 50.9890, -26.5070 by changing the saturation by 10% instead.

101.7010, 50.9890,
-26.5070

101.7010, 50.9890,
-26.5070

254.7720, 0.6420,
-0.6220

79.2410, 40.9010,
-19.8910

155.6350, 51.3550,
-22.1250

57.9660, 31.7300,
-13.3740

183.1190, 52.8680,
-22.0120

37.5660, 21.4130,
-8.1150

210.9020, 54.9770,
-21.6870

18.6500, 12.6090,
-2.7430

231.9110, 41.5900,
-26.8740

0.0000, 0.0000,
0.0000

244.9680, 28.2480,
-27.3680

248.1600, 19.2600,

-18.6600

■ 251.4660, 9.9510,
-9.6410

■ 101.7010, 50.9890,
-26.5070

■ 104.9440, 45.9910,
-24.0330

■ 108.3010, 40.6720,
-21.2480

■ 111.5440, 35.6740,
-18.7740

■ 114.9010, 30.3550,
-15.9890

■ 118.1440, 25.3570,
-13.5150

■ 120.8000, 20.6340,
-10.5180

■ 124.1570, 15.3150,
-7.7330

■ 127.4000, 10.3170,
-5.2590

■ 130.7570, 4.9980,
-2.4740

Harmonies

Analogous

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



104.7640, 65.0140, 0.1660



101.7010, 50.9890, -26.5070



98.4130, 16.3290, -37.1350

Triad

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



101.7010, 50.9890, -26.5070



92.4810, -82.6620, -21.7500



111.2140, 21.4500, 40.7940

Complementary

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



101.7010, 50.9890, -26.5070



32.2990, -50.9890, 26.5070

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.



109.1460, -28.5690, 27.6790



101.7010, 50.9890, -26.5070



94.1230, -92.7970, -8.7730

Square

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



101.7010, 50.9890, -26.5070



87.3510, -68.2170, -35.7450



89.9630, -94.8620, 1.1220



106.2810, 54.8740, 40.7780

Rectangle

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



101.7010, 50.9890, -26.5070



93.0640, -16.3610, -39.4090



89.9630, -94.8620, 1.1220



111.6190, 7.0080, 38.2080

Sweetspot

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



101.7010, 50.9890, -26.5070



160.6150, 19.7170, -10.4190



43.3720, 70.5550, 37.4270



79.2430, 12.1970, -6.2910



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.



101.7010, 50.9890, -26.5070



131.5590, 65.7080, -34.4520



107.3620, 20.3660, -49.7300



64.7290, 2.2010, -1.3430



98.7440, 49.4300, -25.7860



2.0710, 1.2380, -0.4100

Inverse Universe

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



32.2990, -50.9890, 26.5070



42.0280, -65.9830, 33.9290



26.6380, -20.3660, 49.7300



61.2710, -2.2010, 1.3430



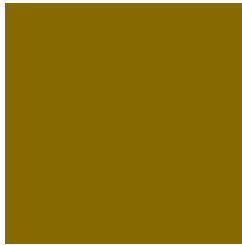
31.2560, -49.4300, 25.7860



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 101.7010, 50.9890, -26.5070 looks on a white background.

Color Contrast Check

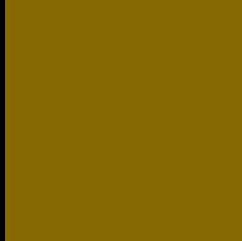
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.7010, 50.9890, -26.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

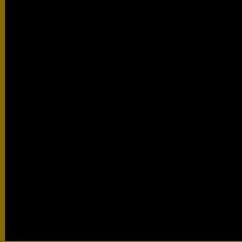
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.7010, 50.9890, -26.5070

Background



This preview shows how black text looks on a background with the YIQ color 101.7010, 50.9890, -26.5070.



This preview shows how white text looks on a background with the YIQ color 101.7010, 50.9890,

-26.5070.

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

101.7010, 50.9890, -26.5070

Protanopia

101.4440, 41.4070, -29.0650

Deuteranopia

102.6350, 51.3550, -22.1250



Tritanopia

111.0570, 22.1890, 10.8690

Trichromacy



Original Color

101.7010, 50.9890, -26.5070

Protanomaly

101.8250, 44.7080, -28.3160

Deuteranomaly

102.5810, 51.4470, -23.7930

Tritanomaly

107.8880, 32.3700, -2.9420

Monochromacy



Original Color

101.7010, 50.9890, -26.5070

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.9570, 18.7540, -9.4860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.7010, 50.9890, -26.5070 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(134, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 105, 0)  
}
```

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(134, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 105, 0) }
```

Border

The CSS property to change the border of an element to YIQ 101.7010, 50.9890, -26.5070 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(134, 105, 0) }
```


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

```
.border{ border-color:rgb(134, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(134, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 105,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 101.7010, 50.9890, -26.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 105, 0) }
```

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

```
.background{ background-color: rgb(134,  
105, 0) }
```

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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