

Converting Colors

YIQ(77.9850, -24.2890,
-60.9370)

Have a look what the booklet for
YIQ(77.9850, -24.2890, -60.9370)
contains.

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Color

**YIQ(77.9850, -24.2890,
-60.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	117C01
RGB	17, 124, 1
RGB Percent	7%, 49%, 0%
CMY	0.9337, 0.5135, 0.9960
CMYK	0.86, 0.00, 0.99, 0.51
HSL	112°, 98%, 25%
HSV	112°, 99%, 49%
XYZ	7.4484, 14.5471, 2.4440
YIQ	77.9850, -24.2890, -60.9370

Conversions

Conversions Part 2

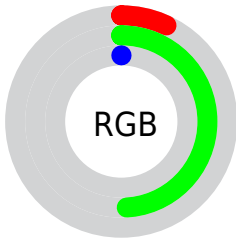
Format	Color
R_{YB}	1, 124, 108
Decimal	1145857
CIE Lab	45.01, -49.00, 48.77
CIE LCh	45, 69.131, 135.134
Yxy	14.5471, 0.3048, 0.5952
Android (android.graphics.Color)	4279335937 (0xFF117C01)
YUV	77.9850, -37.9536, -53.4838
Hunter-Lab	38.1406, -31.8873, 22.8992

Details

The YIQ color **77.9850, -24.2890, -60.9370** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **47.0150, 24.2890, 60.9370**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.3820, -17.9170, -55.2690**, and **42.8510, -20.0750, -38.1790** is the 20% darker color. If you saturate the color by 10%, you get **77.5720, -24.5640, -61.4600**, and if you desaturate by 10%, it is **82.6420, -21.5850, -54.8730**.

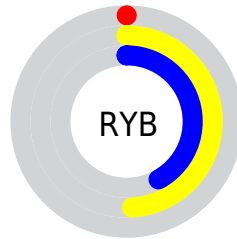
Distribution



Red (7%)

Green (49%)

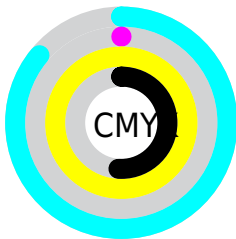
Blue (0%)



Red (0%)

Yellow (49%)

Blue (42%)

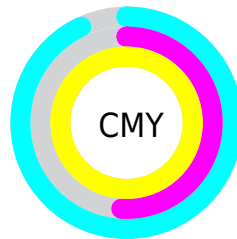


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (51%)



Cyan (93%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.9850, -24.2890, -60.9370 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 77.9850, -24.2890, -60.9370 by changing the saturation by 10% instead.

■ 77.9850, -24.2890,
-60.9370

■ 77.9850, -24.2890,
-60.9370

■ 255.0000, -0.0000,
-0.0000

■ 57.5260, -26.9500,
-51.2540

■ 137.3820,
-17.9170, -55.2690

■ 42.8510, -20.0750,
-38.1790

■ 165.1540,
-17.2750, -55.8910

■ 29.3500, -13.7500,
-26.1500

■ 193.3390,
-16.3580, -55.9900

■ 15.2620, -7.1500,
-13.5980

■ 217.0020,
-13.7910, -52.9510

■ 0.0000, 0.0000,
0.0000

■ 228.8650, -5.4950,
-38.0950

■ 241.0270, 3.3970,

-23.0270

■ 251.6940, 9.3090,
-9.0190

■ 77.9850, -24.2890,
-60.9370

■ 77.9850, -24.2890,
-60.9370

■ 77.5720, -24.5640,
-61.4600

■ 82.6420, -21.5850,
-54.8730

■ 87.4130, -19.2020,
-48.4980

■ 91.7710, -17.0940,
-42.6460

■ 96.5420, -14.7110,
-36.2710

■ 101.1990,
-12.0070, -30.2070

■ 105.8560, -9.3030,
-24.1430

■ 110.6270, -6.9200,
-17.7680

■ 114.9850, -4.8120,
-11.9160

■ 119.7560, -2.4290,
-5.5410

Harmonies

Analogous

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



97.1280, 30.3130, -37.2630



77.9850, -24.2890, -60.9370



84.2730, -59.5500, -44.1420

Triad

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



77.9850, -24.2890, -60.9370



96.5800, -103.8490, 4.3030



87.7370, 89.1210, 53.3850

Complementary

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



77.9850, -24.2890, -60.9370



47.0150, 24.2890, 60.9370

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.



95.7450, 60.2800, 63.9600



77.9850, -24.2890, -60.9370



86.0140, -98.8990, 13.7170

Square

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



77.9850, -24.2890, -60.9370



97.1550, -95.8230, -8.9990



108.6270, 4.5300, 50.0820



96.7010, 87.6610, 13.7490

Rectangle

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



77.9850, -24.2890, -60.9370



90.0070, -72.9400, -32.7480



108.6270, 4.5300, 50.0820



86.6690, 83.8010, 61.6970

Sweetspot

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



77.9850, -24.2890, -60.9370



142.8560, -9.3030, -24.1430



100.5860, 43.8830, -29.8850



70.8060, -5.8660, -14.8420



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



77.9850, -24.2890, -60.9370



100.7860, -31.7590, -79.7510



78.3310, -48.2700, -50.3340



58.8210, -1.0540, -2.9260



78.1590, -24.8390, -61.9830



157.7910, -49.6320, -124.8000

Inverse Universe

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



47.0150, 24.2890, 60.9370



60.2140, 31.7590, 79.7510



46.6690, 48.2700, 50.3340



57.1790, 1.0540, 2.9260



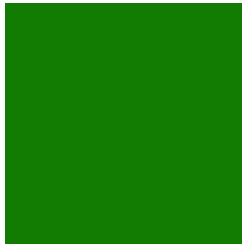
46.8410, 24.8390, 61.9830



94.5080, 50.2280, 125.0120

Previews

White Background



This preview shows how the YIQ color 77.9850, -24.2890, -60.9370 looks on a white background.

Color Contrast Check

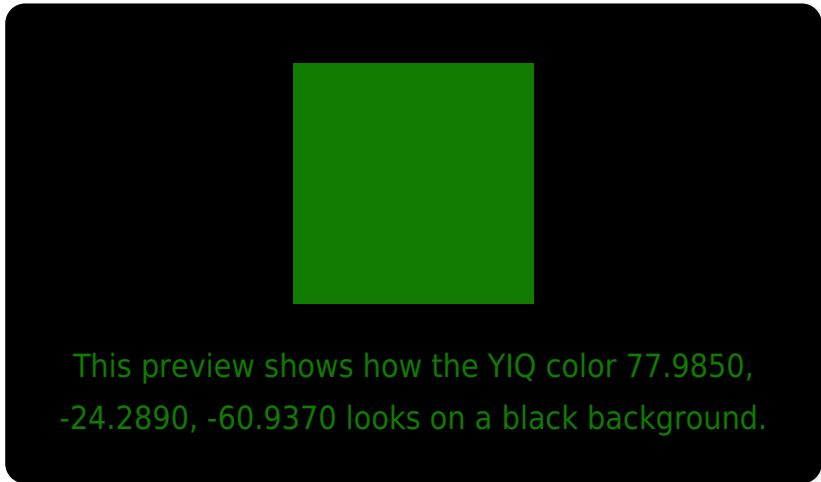
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

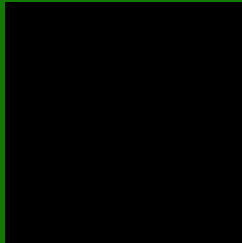
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.9850, -24.2890, -60.9370

Background



This preview shows how black text looks on a background with the YIQ color 77.9850, -24.2890, -60.9370.



This preview shows how white text looks on a background with the YIQ color 77.9850, -24.2890,

-60.9370.

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

77.9850, -24.2890, -60.9370

Protanopia

98.1020, 42.3700, -29.9980

Deuteranopia

102.1320, 42.8260, -16.2300



Tritanopia

97.9010, -39.5660, -9.8220

Trichromacy



Original Color

77.9850, -24.2890, -60.9370

Protanomaly

91.1480, 18.3930, -41.5030

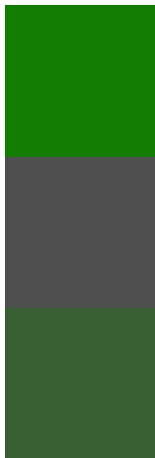
Deuteranomaly

93.2440, 18.4830, -32.1170

Tritanomaly

90.6450, -33.6940, -28.1420

Monochromacy



Original Color

77.9850, -24.2890, -60.9370

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.2090, -8.7990, -22.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.9850, -24.2890, -60.9370 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(17, 124, 1)` looks like.

```
.text, #text, p{  
    color:rgb(17, 124, 1)  
}
```

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(17, 124, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 124, 1) }
```

Border

The CSS property to change the border of an element to YIQ 77.9850, -24.2890, -60.9370 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(17, 124, 1) }
```


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

```
.border{ border-color:rgb(17, 124, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 124, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 124, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 124, 1);  
box-shadow:4px 4px 4px 4px rgb(17, 124, 1)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.9850, -24.2890, -60.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 124, 1) }
```

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

```
.background{ background-color: rgb(17, 124,  
1) }
```

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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