

# Converting Colors

YIQ(101.4730, -72.1570,  
-52.4530)

Have a look what the booklet for  
YIQ(101.4730, -72.1570, -52.4530)  
contains.

<b>YIQ(101.4730, -72.1570, -52.4530)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(101.4730, -72.1570,  
-52.4530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009B5C
RGB	0, 155, 92
RGB Percent	0%, 61%, 36%
CMY	1.0000, 0.3919, 0.6394
CMYK	1.00, 0.00, 0.41, 0.39
HSL	156°, 100%, 30%
HSV	156°, 100%, 61%
XYZ	13.6613, 24.2360, 14.0693
YIQ	101.4730, -72.1570, -52.4530

# Conversions

## Conversions Part 2

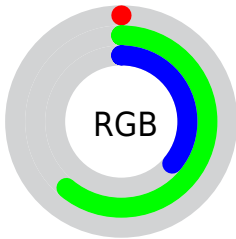
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 155
Decimal	39772
CIELab	56.32, -49.83, 23.58
CIELCh	56, 55.126, 154.671
Yxy	24.2360, 0.2629, 0.4664
Android (android.graphics.Color)	4278229852 (0xFF009B5C)
YUV	101.4730, -4.6702, -88.9918
Hunter-Lab	49.2300, -36.6190, 17.5167

# Details

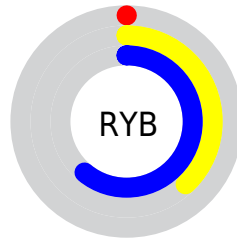
The YIQ color **101.4730, -72.1570, -52.4530** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **53.5270, 72.1570, 52.4530**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.1720, -52.0760, -47.4360**, and **65.0040, -42.4950, -39.3510** is the 20% darker color. If you saturate the color by 10%, you get **101.4730, -72.1570, -52.4530**, and if you desaturate by 10%, it is **106.9410, -64.5470, -47.1950**.

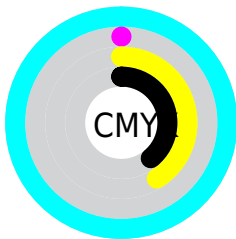
# Distribution



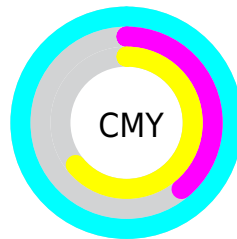
- Red (0%)
- Green (61%)
- Blue (36%)



- Red (0%)
- Yellow (38%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 101.4730, -72.1570, -52.4530 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 101.4730, -72.1570, -52.4530 by changing the saturation by 10% instead.



■ 101.4730,  
-72.1570, -52.4530

■ 101.4730,  
-72.1570, -52.4530

■ 255.0000, -0.0000,  
-0.0000

■ 82.8880, -57.0280,  
-45.7960

■ 166.1720,  
-52.0760, -47.4360

■ 65.0040, -42.4950,  
-39.3510

■ 194.5420,  
-50.2420, -47.6340

■ 47.8210, -28.5580,  
-33.1180

■ 215.7970,  
-46.3460, -41.1460

■ 31.1110, -14.5750,  
-27.7190

■ 227.9590,  
-37.4540, -26.0780

■ 17.6100, -8.2500,  
-15.6900

■ 239.9360,  
-29.4790, -10.9110

■ 0.0000, 0.0000,  
0.0000

■ 249.0200,

-11.9200, -4.2400

■ 101.4730,  
-72.1570, -52.4530

■ 106.9410,  
-64.5470, -47.1950

■ 112.2240,  
-57.8540, -41.8380

■ 117.6920,  
-50.2440, -36.5800

■ 122.8610,  
-43.2300, -31.5340

■ 128.4430,  
-35.9410, -25.9650

■ 133.6120,  
-28.9270, -20.9190

■ 139.0800,  
-21.3170, -15.6610

■ 144.2490,  
-14.3030, -10.6150

■ 149.8310, -7.0140,  
-5.0460

# Harmonies

## Analogous

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



123.3730, 4.6380, -40.0180



101.4730, -72.1570, -52.4530



108.8200, -88.7110, -38.7830

# Triad

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



101.4730, -72.1570, -52.4530



116.3100, -94.2210, 6.0270



132.4580, 75.4640, 20.0400

# Complementary

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



101.4730, -72.1570, -52.4530



53.5270, 72.1570, 52.4530

# 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.



133.6150, 65.5570, 39.9010



101.4730, -72.1570, -52.4530



137.9030, -14.4030, 35.2690

# Square

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



101.4730, -72.1570, -52.4530



113.8310, -112.4660, -10.2420



137.7920, 34.5620, 45.4580



131.3310, 67.4910, -6.1810



# Rectangle

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



101.4730, -72.1570, -52.4530



112.5820, -99.3040, -28.5200



137.7920, 34.5620, 45.4580



132.4290, 74.4080, 28.1680

# Sweetspot

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



101.4730, -72.1570, -52.4530



180.3240, -28.0560, -20.1840



110.4200, -3.8850, -67.2850



89.2270, -17.2370, -12.5090



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000



# Same Dimension

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



101.4730, -72.1570, -52.4530



131.5530, -93.4740, -68.1140



101.0240, -88.8050, -26.0610



74.1520, -3.4840, -2.9400



91.6420, -65.1430, -47.4070



8.5430, -6.1430, -4.3110



# Inverse Universe

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



53.5270, 72.1570, 52.4530



69.4470, 93.4740, 68.1140



53.9760, 88.8050, 26.0610



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070



4.4570, 6.1430, 4.3110



# Previews

## White Background



This preview shows how the YIQ color 101.4730, -72.1570, -52.4530 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 101.4730, -72.1570, -52.4530 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 101.4730, -72.1570, -52.4530 Background



This preview shows how black text looks on a background with the YIQ color 101.4730, -72.1570, -52.4530.



This preview shows how white text looks on a background with the YIQ color 101.4730, -72.1570, -52.4530.



# 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

101.4730, -72.1570, -52.4530

### Protanopia

131.8880, 23.2020, -13.0060

### Deuteranopia

134.4360, 27.8310, -3.2810



## Tritanopia

121.1590, -58.0880, -15.5600

# Trichromacy



## Original Color

101.4730, -72.1570, -52.4530



## Protanomaly

121.0790, -11.5490, -27.4930



## Deuteranomaly

122.1490, -8.5700, -20.9060



## Tritanomaly

114.2040, -63.1290, -28.8330

# Monochromacy



## Original Color

101.4730, -72.1570, -52.4530



## Achromatopsia

102.0000, -0.0000, -0.0000



## Achromatomaly

101.6340, -25.9930, -19.0250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 101.4730, -72.1570, -52.4530 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(0, 155, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 92)  
}
```

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(0, 155, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 92) }
```

## Border

The CSS property to change the border of an element to YIQ 101.4730, -72.1570, -52.4530 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(0, 155, 92) }
```



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

```
.border{ border-color:rgb(0, 155, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 155, 92)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 101.4730, -72.1570, -52.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 92) }
```

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

```
.background{ background-color: rgb(0, 155,  
92) }
```

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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