

Converting Colors

YIQ(101.2990, -62.4390,
-41.3430)

Have a look what the booklet for
YIQ(101.2990, -62.4390, -41.3430)
contains.

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Color

**YIQ(101.2990, -62.4390,
-41.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	109164
RGB	16, 145, 100
RGB Percent	6%, 57%, 39%
CMY	0.9376, 0.4312, 0.6081
CMYK	0.89, 0.00, 0.31, 0.43
HSL	159°, 80%, 32%
HSV	159°, 89%, 57%
XYZ	12.6435, 21.2958, 15.4869
YIQ	101.2990, -62.4390, -41.3430

Conversions

Conversions Part 2

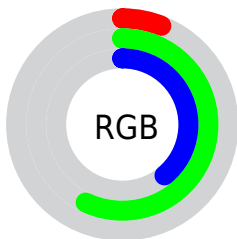
Format	Color
RYB	16, 94, 145
Decimal	1085796
CIELab	53.27, -43.35, 15.03
CIELCh	53, 45.880, 160.871
Yxy	21.2958, 0.2558, 0.4309
Android (android.graphics.Color)	4279275876 (0xFF109164)
YUV	101.2990, -0.6404, -74.8072
Hunter-Lab	46.1474, -31.8522, 12.4056

Details

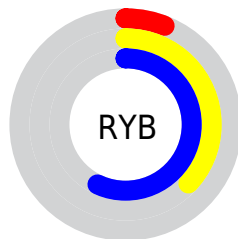
The YIQ color **101.2990, -62.4390, -41.3430** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **59.7010, 62.4390, 41.3430**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9260, -51.0230, -38.9830**, and **60.6330, -42.5880, -32.1560** is the 20% darker color. If you saturate the color by 10%, you get **96.2440, -69.7740, -46.0780**, and if you desaturate by 10%, it is **106.0550, -55.7000, -36.8200**.

Distribution



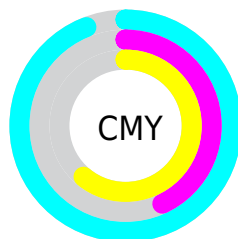
- Red (6%)
- Green (57%)
- Blue (39%)



- Red (6%)
- Yellow (37%)
- Blue (57%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)
- Black (43%)



- Cyan (94%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2990, -62.4390, -41.3430 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 101.2990, -62.4390, -41.3430 by changing the saturation by 10% instead.

■ 101.2990,
-62.4390, -41.3430

■ 101.2990,
-62.4390, -41.3430

■ 255.0000, -0.0000,
-0.0000

■ 78.5170, -57.1210,
-38.6010

■ 160.9260,
-51.0230, -38.9830

■ 60.6330, -42.5880,
-32.1560

■ 189.4100,
-49.5100, -38.8700

■ 44.0370, -28.9260,
-26.4460

■ 216.7090,
-48.9140, -38.6580

■ 28.0280, -15.5390,
-21.2590

■ 228.5720,
-40.6180, -23.8020

■ 11.7400, -5.5000,
-10.4600

■ 239.7510,
-30.3960, -10.8120

■ 0.0000, 0.0000,
0.0000

■ 248.7210,

-12.5160, -4.4520

■ 101.2990,
-62.4390, -41.3430

■ 101.2990,
-62.4390, -41.3430

■ 96.2440, -69.7740,
-46.0780

■ 106.0550,
-55.7000, -36.8200

■ 95.8310, -70.0490,
-46.6010

■ 111.1100,
-48.3650, -32.0850

■ 115.8660,
-41.6260, -27.5620

■ 120.9210,
-34.2910, -22.8270

■ 125.6770,
-27.5520, -18.3040

■ 130.7320,
-20.2170, -13.5690

■ 135.4880,
-13.4780, -9.0460

■ 140.5430, -6.1430,
-4.3110

■ 145.4130, 0.2750,
0.5230

Harmonies

Analogous

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



116.8100, -3.6620, -32.7660



101.2990, -62.4390, -41.3430



102.3630, -85.6860, -33.0300

Triad

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



101.2990, -62.4390, -41.3430



122.4370, -51.8580, 14.7180



125.7720, 62.5360, 12.0400

Complementary

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



101.2990, -62.4390, -41.3430



59.7010, 62.4390, 41.3430

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.



126.8000, 57.3060, 29.7380



101.2990, -62.4390, -41.3430



131.0260, -1.7480, 31.6920

Square

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



101.2990, -62.4390, -41.3430



103.9200, -102.4710, -9.6630



130.1090, 34.7470, 36.5950



124.7360, 53.0490, -8.7670

Rectangle

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



101.2990, -62.4390, -41.3430



104.7400, -93.7570, -24.4210



130.1090, 34.7470, 36.5950



126.2870, 62.7640, 18.9240

Sweetspot

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



101.2990, -62.4390, -41.3430



171.6990, -24.6180, -16.4100



105.1780, -8.6550, -57.9270



83.8900, -14.6700, -9.4700



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



101.2990, -62.4390, -41.3430



124.9650, -91.4580, -60.5940



95.2760, -71.6590, -17.4110



68.6790, -3.5300, -2.1060



89.2770, -65.3730, -43.2370



5.2660, -3.8050, -2.6290

Inverse Universe

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



59.7010, 62.4390, 41.3430



64.0350, 91.4580, 60.5940



65.7240, 71.6590, 17.4110



66.4350, 3.2090, 2.4170



45.7230, 65.3730, 43.2370



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 101.2990, -62.4390, -41.3430 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 101.2990, -62.4390, -41.3430 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 101.2990, -62.4390, -41.3430 Background



This preview shows how black text looks on a background with the YIQ color 101.2990, -62.4390, -41.3430.



This preview shows how white text looks on a background with the YIQ color 101.2990, -62.4390, -41.3430.

-41.3430.

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

101.2990, -62.4390, -41.3430

Protanopia

125.1140, 16.8740, -8.4540

Deuteranopia

127.2380, 19.7610, -0.1990



Tritanopia

113.9420, -55.9790, -15.2350

Trichromacy



Original Color

101.2990, -62.4390, -41.3430

Protanomaly

116.4090, -12.2380, -20.5100

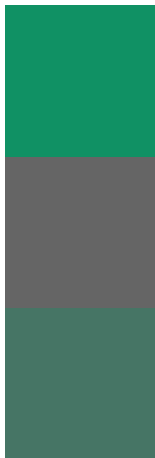
Deuteranomaly

117.6530, -9.8090, -14.9690

Tritanomaly

109.1770, -58.4990, -24.6350

Monochromacy



Original Color

101.2990, -62.4390, -41.3430

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1230, -22.8760, -14.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2990, -62.4390, -41.3430 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(16, 145, 100)` looks like.

```
.text, #text, p{  
    color:rgb(16, 145, 100)  
}
```

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(16, 145, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 145, 100) }
```

Border

The CSS property to change the border of an element to YIQ 101.2990, -62.4390, -41.3430 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(16, 145, 100) }
```


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

```
.border{ border-color:rgb(16, 145, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 145, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 145, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 145, 100);  
box-shadow:4px 4px 4px 4px rgb(16, 145,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2990, -62.4390, -41.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 145, 100) }
```

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

```
.background{ background-color: rgb(16, 145,  
100) }
```

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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