

Converting Colors

YIQ(129.2700, 51.1250,
-17.9550)

Have a look what the booklet for
YIQ(129.2700, 51.1250, -17.9550)
contains.

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Color

**YIQ(129.2700, 51.1250,
-17.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	A77F2A
RGB	167, 127, 42
RGB Percent	65%, 50%, 16%
CMY	0.3451, 0.5020, 0.8350
CMYK	0.00, 0.24, 0.75, 0.35
HSL	41°, 60%, 41%
HSV	41°, 75%, 65%
XYZ	23.9449, 23.5587, 5.4822
YIQ	129.2700, 51.1250, -17.9550

Conversions

Conversions Part 2

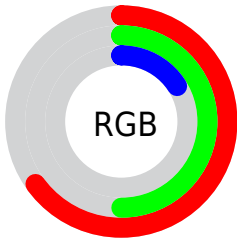
Format	Color
RYB	101, 167, 42
Decimal	10977066
CIELab	55.64, 6.98, 49.67
CIELCh	56, 50.159, 82.000
Yxy	23.5587, 0.4519, 0.4446
Android (android.graphics.Color)	4289167146 (0xFFA77F2A)
YUV	129.2700, -43.0241, 33.0892
Hunter-Lab	48.5373, 3.1194, 27.2794

Details

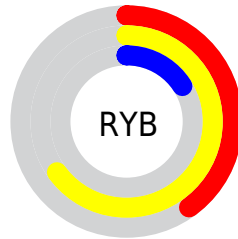
The YIQ color **129.2700, 51.1250, -17.9550** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **79.7300, -51.1250, 17.9550**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.5370, 54.7470, -17.5170**, and **78.9750, 44.7060, -17.2620** is the 20% darker color. If you saturate the color by 10%, you get **124.3970, 57.9570, -20.6270**, and if you desaturate by 10%, it is **134.1430, 44.2930, -15.2830**.

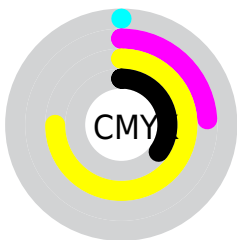
Distribution



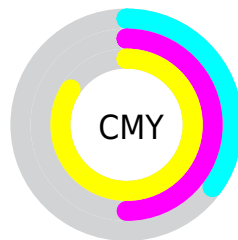
- Red (65%)
- Green (50%)
- Blue (16%)



- Red (40%)
- Yellow (65%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2700, 51.1250, -17.9550 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 129.2700, 51.1250, -17.9550 by changing the saturation by 10% instead.

■ 129.2700, 51.1250,
-17.9550

■ 129.2700, 51.1250,
-17.9550

■ 255.0000, -0.0000,
-0.0000

■ 102.9170, 50.6210,
-19.8350

■ 182.9500, 55.0220,
-16.9940

■ 78.9750, 44.7060,
-17.2620

■ 211.3200, 56.8560,
-17.1920

■ 57.9880, 34.6640,
-11.4800

■ 230.8340, 40.4890,
-23.4390

■ 37.0010, 24.6220,
-5.6980

■ 245.6520, 26.3220,
-25.5020

■ 18.0850, 15.8180,
-0.3260

■ 248.8440, 17.3340,
-16.7940

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,

-7.7750

■ 129.2700, 51.1250,
-17.9550

■ 129.2700, 51.1250,
-17.9550

■ 124.3970, 57.9570,
-20.6270

■ 134.1430, 44.2930,
-15.2830

■ 119.0510, 64.7430,
-22.4650

■ 139.4890, 37.5070,
-13.4450

■ 116.8510, 68.1820,
-24.2180

■ 144.3620, 30.6750,
-10.7730

■ 149.2350, 23.8430,
-8.1010

■ 154.6950, 16.7360,
-5.9520

■ 159.4540, 10.2250,
-3.5910

■ 164.3270, 3.3930,
-0.9190

■ 169.7870, -3.7140,
1.2300

■ 174.5460,
-10.2250, 3.5910

Harmonies

Analogous

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



131.2960, 66.5720, 4.9720



129.2700, 51.1250, -17.9550



125.7990, 21.2340, -32.4140

Triad

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



129.2700, 51.1250, -17.9550



109.2080, -95.3150, -29.2270



137.0390, 14.5730, 38.7730

Complementary

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



129.2700, 51.1250, -17.9550



79.7300, -51.1250, 17.9550

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.



133.3300, -35.0790, 24.5130



129.2700, 51.1250, -17.9550



111.5510, -106.0460, -16.4620

Square

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



129.2700, 51.1250, -17.9550



104.0780, -80.8700, -43.2220



108.3200, -109.3490, -6.1570



134.4160, 50.0600, 39.9160

Rectangle

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



129.2700, 51.1250, -17.9550



121.2070, -6.4580, -37.1620



108.3200, -109.3490, -6.1570



137.0310, -0.1440, 35.6640

Sweetspot

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



129.2700, 51.1250, -17.9550



202.1360, 19.8080, -6.5600



84.1630, 61.0180, 39.5620



101.4110, 11.7840, -4.3120



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.2700, 51.1250, -17.9550



157.7890, 79.9200, -27.6960



146.4710, 27.6090, -43.3270



81.3270, 3.3930, -0.9190



103.5390, 60.4330, -21.4470



14.1980, 8.0700, -3.0820

Inverse Universe

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



79.7300, -51.1250, 17.9550



80.6240, -79.6450, 28.2190



62.5290, -27.6090, 43.3270



78.0860, -3.1180, 1.4420



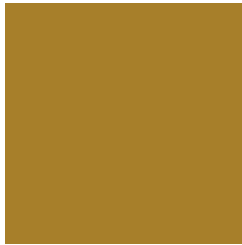
44.4610, -60.4330, 21.4470



6.3890, -8.3450, 2.5590

Previews

White Background



This preview shows how the YIQ color 129.2700, 51.1250, -17.9550 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 129.2700, 51.1250, -17.9550 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 129.2700, 51.1250, -17.9550

Background



This preview shows how black text looks on a background with the YIQ color 129.2700, 51.1250, -17.9550.



This preview shows how white text looks on a background with the YIQ color 129.2700, 51.1250, -17.9550.

-17.9550.

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

129.2700, 51.1250, -17.9550

Protanopia

128.5240, 38.4260, -24.5980

Deuteranopia

129.2700, 51.1250, -17.9550



Tritanopia

136.1720, 29.2950, 14.2470

Trichromacy



Original Color

129.2700, 51.1250, -17.9550

Protanomaly

128.4430, 43.1480, -22.0680

Deuteranomaly

129.2700, 51.1250, -17.9550

Tritanomaly

133.8010, 37.2290, 2.6130

Monochromacy



Original Color

129.2700, 51.1250, -17.9550

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9510, 18.8910, -6.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2700, 51.1250, -17.9550 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(167, 127, 42)` looks like.

```
.text, #text, p{  
    color:rgb(167, 127, 42)  
}
```

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(167, 127, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 127, 42) }
```

Border

The CSS property to change the border of an element to YIQ 129.2700, 51.1250, -17.9550 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(167, 127, 42) }
```


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

```
.border{ border-color:rgb(167, 127, 42) }
```

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

Here you see how a box with a 4 pixel rgb(167, 127, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 127, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 127, 42);  
box-shadow:4px 4px 4px 4px rgb(167, 127,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2700, 51.1250, -17.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 127, 42) }
```

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

```
.background{ background-color: rgb(167,  
127, 42) }
```

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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