

Converting Colors

YIQ(112.8900, 30.0290, 11.9570)

Have a look what the booklet for
YIQ(112.8900, 30.0290, 11.9570)
contains.

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Color

**YIQ(112.8900, 30.0290,
11.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	956164
RGB	149, 97, 100
RGB Percent	58%, 38%, 39%
CMY	0.4156, 0.6197, 0.6077
CMYK	0.00, 0.35, 0.33, 0.42
HSL	356°, 21%, 48%
HSV	356°, 35%, 58%
XYZ	18.9746, 15.8586, 14.1251
YIQ	112.8900, 30.0290, 11.9570

Conversions

Conversions Part 2

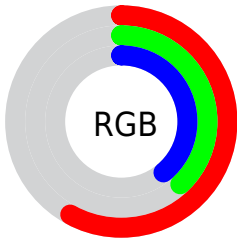
Format	Color
R_{YB}	149, 97, 100
Decimal	9789796
CIE _{Lab}	46.79, 21.58, 7.01
CIE _{LCh}	47, 22.694, 17.995
Yxy	15.8586, 0.3876, 0.3239
Android (android.graphics.Color)	4287979876 (0xFF956164)
YUV	112.8900, -6.3548, 31.6685
Hunter-Lab	39.8229, 15.3610, 6.8459

Details

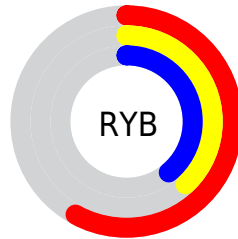
The YIQ color **112.8900, 30.0290, 11.9570** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.1100, -30.0290, -11.9570**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0860, 32.4130, 12.8050**, and **64.0960, 26.4530, 10.6850** is the 20% darker color. If you saturate the color by 10%, you get **102.4890, 38.6480, 15.4480**, and if you desaturate by 10%, it is **123.2910, 21.4100, 8.4660**.

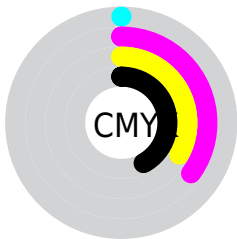
Distribution



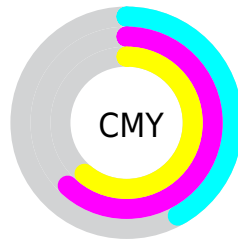
- Red (58%)
- Green (38%)
- Blue (39%)



- Red (58%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (42%)





- Cyan (42%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.8900, 30.0290, 11.9570 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 112.8900, 30.0290, 11.9570 by changing the saturation by 10% instead.


 112.8900, 30.0290,
11.9570


 112.8900, 30.0290,
11.9570


255.0000, -0.0000,
-0.0000


 87.9930, 28.2410,
11.3210


 165.0860, 32.4130,
12.8050


 64.2100, 26.1320,
10.9960


 192.5700, 33.9260,
12.9180

 40.7260, 24.6190,
10.8830

 218.7760, 30.3500,
11.6460

 18.3130, 24.3440,
10.3600

 238.4040, 13.6620,
5.7100

 5.3820, 10.7280,
3.8160

 0.0000, 0.0000,
0.0000

■ 112.8900, 30.0290,
11.9570

■ 112.8900, 30.0290,
11.9570

■ 102.4890, 38.6480,
15.4480

■ 123.2910, 21.4100,
8.4660

■ 92.0880, 47.2670,
18.9390

■ 133.6920, 12.7910,
4.9750

■ 81.6870, 55.8860,
22.4300

■ 144.0930, 4.1720,
1.4840

■ 71.2860, 64.5050,
25.9210

■ 154.4940, -4.4470,
-2.0070

■ 60.8850, 73.1240,
29.4120

■ 164.3080,
-12.7910, -4.9750

■ 51.0710, 81.4680,
32.3800


■ 174.7090,
-21.4100, -8.4660

■ 45.5770, 85.9150,
34.3870

■ 185.1100,
-30.0290, -11.9570

■ 195.5110,

-38.6480, -15.4480

 205.9120,
-47.2670, -18.9390

Harmonies

Analogous

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



113.5610, 20.9500, 16.8060



112.8900, 30.0290, 11.9570



111.8050, 31.4060, 3.5180

Triad

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



112.8900, 30.0290, 11.9570



106.1650, -5.4990, -15.9870



106.5030, -35.0290, 1.5710

Complementary

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



112.8900, 30.0290, 11.9570



133.1100, -30.0290, -11.9570

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.



101.2470, -46.3520, -7.9840



112.8900, 30.0290, 11.9570



103.2860, -24.8930, -16.9330

Square

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



112.8900, 30.0290, 11.9570



108.2550, 11.9230, -12.3410



100.1840, -42.0410, -14.5290



111.5380, -15.7740, 10.5460

Rectangle

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



112.8900, 30.0290, 11.9570



110.9630, 27.7850, -2.4470



100.1840, -42.0410, -14.5290



104.7580, -40.3010, -2.0050

Sweetspot

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



112.8900, 30.0290, 11.9570



180.2080, 11.2780, 4.8620



117.5790, 12.5120, 26.5600



88.7020, 6.8310, 2.8550



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



112.8900, 30.0290, 11.9570



137.0880, 47.2670, 18.9390



126.0490, 24.6670, -1.0050



69.0930, 4.1720, 1.4840



42.1740, 79.6800, 31.7440



3.1040, 5.6390, 2.4310

Inverse Universe

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



112.8900, 30.0290, 11.9570



137.0880, 47.2670, 18.9390



119.9510, -24.6670, 1.0050



69.0930, 4.1720, 1.4840



42.1740, 79.6800, 31.7440



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 112.8900, 30.0290, 11.9570 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 112.8900, 30.0290, 11.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

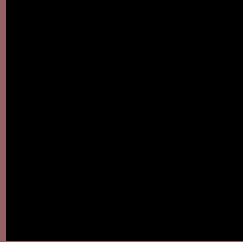
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.8900, 30.0290, 11.9570

Background



This preview shows how black text looks on a background with the YIQ color 112.8900, 30.0290, 11.9570.



This preview shows how white text looks on a background with the YIQ color 112.8900, 30.0290,

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

112.8900, 30.0290, 11.9570

Protanopia

111.4410, 3.0720, -0.6080

Deuteranopia

111.9540, 14.8090, 1.4410



Tritanopia

112.7590, 29.0200, 13.7240

Trichromacy



Original Color

112.8900, 30.0290, 11.9570

Protanomaly

112.0510, 13.1580, 3.8300

Deuteranomaly

112.1120, 20.3560, 5.5400

Tritanomaly

112.6450, 29.3410, 13.4130

Monochromacy



Original Color

112.8900, 30.0290, 11.9570

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8900, 30.0290, 11.9570 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(149, 97, 100)` looks like.

```
.text, #text, p{  
    color:rgb(149, 97, 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(149, 97, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 97, 100) }
```

Border

The CSS property to change the border of an element to YIQ 112.8900, 30.0290, 11.9570 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(149, 97, 100) }
```


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

```
.border{ border-color:rgb(149, 97, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 97, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 97, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 97, 100);  
box-shadow:4px 4px 4px 4px rgb(149, 97,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8900, 30.0290, 11.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 97, 100) }
```

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

```
.background{ background-color: rgb(149, 97,  
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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