

# Converting Colors

YIQ(137.9210, 11.5490, 27.4930)

Have a look what the booklet for  
YIQ(137.9210, 11.5490, 27.4930)  
contains.

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# Color

**YIQ(137.9210, 11.5490,  
27.4930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A675AC
RGB	166, 117, 172
RGB Percent	65%, 46%, 67%
CMY	0.3489, 0.5412, 0.3255
CMYK	0.03, 0.32, 0.00, 0.33
HSL	293°, 25%, 57%
HSV	293°, 32%, 67%
XYZ	29.5393, 23.8076, 42.0686
YIQ	137.9210, 11.5490, 27.4930

# Conversions

## Conversions Part 2

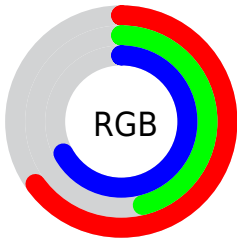
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 117, 172
Decimal	10909100
CIELab	55.89, 28.79, -21.71
CIELCh	56, 36.059, 322.980
Yxy	23.8076, 0.3096, 0.2495
Android (android.graphics.Color)	4289099180 (0xFFA675AC)
YUV	137.9210, 16.8009, 24.6253
Hunter-Lab	48.7930, 22.6764, -16.9638

# Details

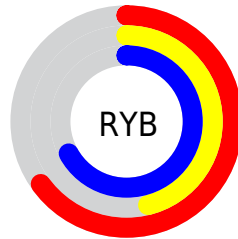
The YIQ color **137.9210, 11.5490, 27.4930** is a light color, and the websafe version is hex **996699**. A complement of this color would be **151.0790, -11.5490, -27.4930**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.1600, 12.3740, 29.0620**, and **87.3830, 10.1280, 25.7120** is the 20% darker color. If you saturate the color by 10%, you get **127.3440, 15.0320, 35.9600**, and if you desaturate by 10%, it is **148.4980, 8.0660, 19.0260**.

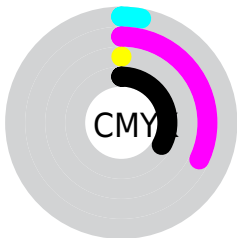
# Distribution



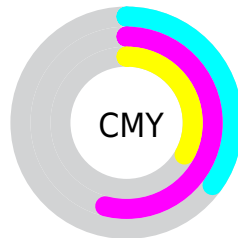
- Red (65%)
- Green (46%)
- Blue (67%)



- Red (65%)
- Yellow (46%)
- Blue (67%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)




- Cyan (35%)
- Magenta (54%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9210, 11.5490, 27.4930 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 137.9210, 11.5490, 27.4930 by changing the saturation by 10% instead.





 137.9210, 11.5490,  
27.4930


 137.9210, 11.5490,  
27.4930

255.0000, -0.0000,  
-0.0000

 112.0950, 10.9990,  
26.4470

 192.1600, 12.3740,  
29.0620

 87.3830, 10.1280,  
25.7120


 219.7580, 13.5660,  
29.4860


 62.9700, 9.8530,  
25.1890

 237.3900, 8.2500,  
15.6900

 39.5570, 9.5780,  
24.6660

254.4130, 0.2750,  
0.5230

 17.7310, 9.0280,  
23.6200

 6.6660, -1.5150,  
10.9410

 0.0000, 0.0000,

0.0000

■ 137.9210, 11.5490,  
27.4930

■ 137.9210, 11.5490,  
27.4930

■ 127.3440, 15.0320,  
35.9600

■ 148.4980, 8.0660,  
19.0260

■ 116.7670, 18.5150,  
44.4270

■ 159.0750, 4.5830,  
10.5590

■ 105.6030, 22.2730,  
53.4170

■ 170.2390, 0.8250,  
1.5690

■ 95.3250, 26.3520,  
62.0960

■ 180.5170, -3.2540,  
-7.1100

■ 84.7480, 29.8350,  
70.5630

■ 191.0940, -6.7370,  
-15.5770

■ 74.1710, 33.3180,  
79.0300

■ 201.6710,  
-10.2200, -24.0440

■ 65.3550, 35.9760,  
85.9280

■ 212.2480,  
-13.7030, -32.5110

■ 223.4120,  
-17.4610, -41.5010

■ 224.0100,  
-16.2690, -41.0770

# Harmonies

## Analogous

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



135.2850, -22.0110, 18.9570



137.9210, 11.5490, 27.4930



136.7960, 36.7660, 27.5340

# Triad

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



137.9210, 11.5490, 27.4930



132.2440, 36.8190, -11.9890



105.9480, -91.6470, -29.6230

# Complementary

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



137.9210, 11.5490, 27.4930



151.0790, -11.5490, -27.4930

# 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.



115.4560, -55.1510, -30.2470



137.9210, 11.5490, 27.4930



128.7140, 14.5840, -22.0240

# Square

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



137.9210, 11.5490, 27.4930



134.2600, 49.0580, 2.9940



124.3390, -15.2170, -27.0970



107.1510, -99.1680, -19.9680



# Rectangle

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



137.9210, 11.5490, 27.4930



135.7830, 46.8080, 21.7520



124.3390, -15.2170, -27.0970



104.8080, -88.4370, -32.7330

# Sweetspot

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



137.9210, 11.5490, 27.4930



210.4880, 4.8580, 11.0820



126.7920, -19.3050, 13.9670



104.0700, 2.9790, 6.5870



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

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



137.9210, 11.5490, 27.4930



171.4140, 18.0110, 42.5470



137.3210, 21.8660, 22.2340



81.4180, 1.8790, 4.4950



57.1660, 31.7140, 75.0580



8.6020, 4.5370, 11.3930



# Inverse Universe

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



134.1290, 30.8540, 13.5260



165.4410, 47.7710, 20.8190



151.6790, -21.8660, -22.2340



80.8050, 5.0430, 2.2190



46.6740, 84.2640, 36.7760

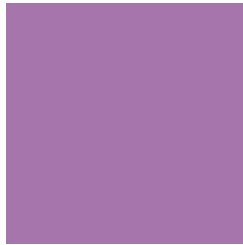


7.1050, 13.0660, 5.4980



# Previews

## White Background



This preview shows how the YIQ color 137.9210, 11.5490, 27.4930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

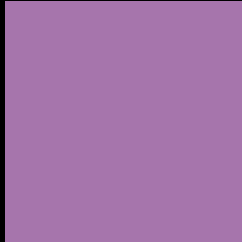
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 137.9210, 11.5490, 27.4930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

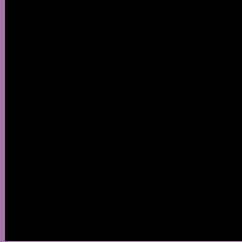
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 137.9210, 11.5490, 27.4930

## Background



This preview shows how black text looks on a background with the YIQ color 137.9210, 11.5490, 27.4930.



This preview shows how white text looks on a background with the YIQ color 137.9210, 11.5490,



# 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

137.9210, 11.5490, 27.4930

### Protanopia

134.0410, -24.4400, 13.4160

### Deuteranopia

135.3210, -13.6650, 10.8710



## Tritanopia

136.2030, 18.8420, 10.9540

# Trichromacy



## Original Color

137.9210, 11.5490, 27.4930

## Protanomaly

135.7330, -11.6490, 18.3910

## Deuteranomaly

136.3870, -4.8630, 16.5530

## Tritanomaly

136.6360, 16.3650, 17.3010

# Monochromacy



## Original Color

137.9210, 11.5490, 27.4930

## Achromatopsia

138.0000, -0.0000, -0.0000

## Achromatomaly

137.6620, 4.3080, 10.0360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 137.9210, 11.5490, 27.4930 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(166, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(166, 117, 172)  
}
```

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(166, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 117, 172) }
```

## Border

The CSS property to change the border of an element to YIQ 137.9210, 11.5490, 27.4930 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(166, 117, 172) }
```



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

```
.border{ border-color:rgb(166, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(166, 117,  
172) }
```

# Background

The CSS property to change the background color of an element to YIQ 137.9210, 11.5490, 27.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 117, 172) }
```

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

```
.background{ background-color: rgb(166,  
117, 172) }
```

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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