

Converting Colors

YIQ(137.8070, 11.8700, 27.1820)

Have a look what the booklet for
YIQ(137.8070, 11.8700, 27.1820)
contains.

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Color

**YIQ(137.8070, 11.8700,
27.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	A675AB
RGB	166, 117, 171
RGB Percent	65%, 46%, 67%
CMY	0.3489, 0.5412, 0.3294
CMYK	0.03, 0.32, 0.00, 0.33
HSL	294°, 24%, 56%
HSV	294°, 32%, 67%
XYZ	29.4436, 23.7693, 41.5648
YIQ	137.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

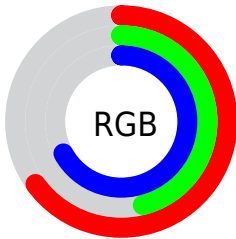
Format	Color
R _Y B	166, 117, 171
Decimal	10909099
CIE Lab	55.86, 28.59, -21.19
CIE LCh	56, 35.589, 323.451
Yxy	23.7693, 0.3107, 0.2508
Android (android.graphics.Color)	4289099179 (0xFFA675AB)
YUV	137.8070, 16.3641, 24.7253
Hunter-Lab	48.7537, 22.4817, -16.4199

Details

The YIQ color **137.8070, 11.8700, 27.1820** is a light color, and the websafe version is hex **996699**. A complement of this color would be **150.1930, -11.8700, -27.1820**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.9320, 13.0160, 28.4400**, and **87.2690, 10.4490, 25.4010** is the 20% darker color. If you saturate the color by 10%, you get **127.2300, 15.3530, 35.6490**, and if you desaturate by 10%, it is **148.3840, 8.3870, 18.7150**.

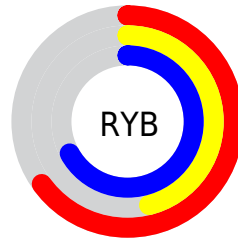
Distribution



Red (65%)

Green (46%)

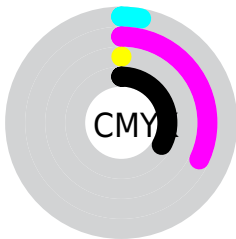
Blue (67%)



Red (65%)

Yellow (46%)

Blue (67%)

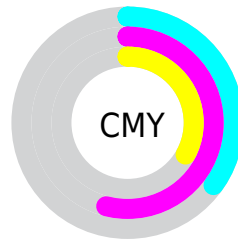


Cyan (3%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8070, 11.8700, 27.1820 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 137.8070, 11.8700, 27.1820 by changing the saturation by 10% instead.

■ 137.8070, 11.8700,
27.1820

■ 137.8070, 11.8700,
27.1820

■ 255.0000, -0.0000,
-0.0000

■ 111.9810, 11.3200,
26.1360

■ 191.9320, 13.0160,
28.4400

■ 87.2690, 10.4490,
25.4010

■ 219.7580, 13.5660,
29.4860

■ 62.8560, 10.1740,
24.8780

■ 237.3900, 8.2500,
15.6900

■ 39.4430, 9.8990,
24.3550

■ 254.4130, 0.2750,
0.5230

■ 17.6170, 9.3490,
23.3090

■ 6.5520, -1.1940,
10.6300

■ 0.0000, 0.0000,

0.0000

■ 137.8070, 11.8700,
27.1820

■ 137.8070, 11.8700,
27.1820

■ 127.2300, 15.3530,
35.6490

■ 148.3840, 8.3870,
18.7150

■ 116.9520, 19.4320,
44.3280

■ 158.6620, 4.3080,
10.0360

■ 106.3750, 22.9150,
52.7950

■ 169.2390, 0.8250,
1.5690

■ 96.0970, 26.9940,
61.4740

■ 179.5170, -3.2540,
-7.1100

■ 84.9330, 30.7520,
70.4640

■ 190.0940, -6.7370,
-15.5770

■ 74.6550, 34.8310,
79.1430

■ 200.9590,
-11.0910, -24.7790

■ 65.8390, 37.4890,
86.0410

■ 211.5360,
-14.5740, -33.2460

■ 222.1130,
-18.0570, -41.7130

■ 222.9990,
-17.7360, -42.0240

Harmonies

Analogous

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



134.7690, -20.4980, 19.0700



137.8070, 11.8700, 27.1820



136.9700, 36.2160, 26.4880

Triad

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



137.8070, 11.8700, 27.1820



132.0590, 35.9020, -11.8900



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.



137.8070, 11.8700, 27.1820



150.1930, -11.8700, -27.1820

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.



115.8690, -54.8760, -29.7240



137.8070, 11.8700, 27.1820



128.8280, 14.2630, -21.7130

Square

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



137.8070, 11.8700, 27.1820



133.9610, 48.4620, 2.7820



124.4530, -15.5380, -26.7860



106.5640, -98.8930, -19.4450

Rectangle

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



137.8070, 11.8700, 27.1820



135.4840, 46.2120, 21.5400



124.4530, -15.5380, -26.7860



104.8080, -88.4370, -32.7330

Sweetspot

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



137.8070, 11.8700, 27.1820



209.6620, 4.3080, 10.0360



126.0910, -18.7090, 14.1790



104.6570, 2.7040, 6.0640



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.



137.8070, 11.8700, 27.1820



170.3000, 18.3320, 42.2360



136.7940, 21.9120, 21.4000



81.4180, 1.8790, 4.4950



58.0630, 33.5020, 75.6940



8.9010, 5.1330, 11.6050

Inverse Universe

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



133.7160, 30.5790, 13.0030



163.9140, 47.8170, 19.9850



151.2060, -21.9120, -21.4000



80.8050, 5.0430, 2.2190



46.4460, 84.9060, 36.1540



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 137.8070, 11.8700, 27.1820 looks on a white background.

Color Contrast Check

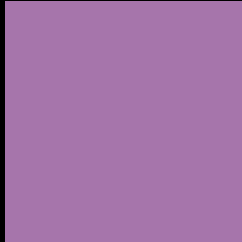
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8070, 11.8700, 27.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

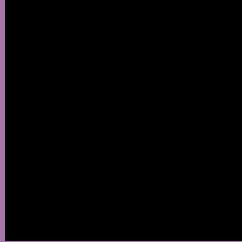
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8070, 11.8700, 27.1820

Background



This preview shows how black text looks on a background with the YIQ color 137.8070, 11.8700, 27.1820.



This preview shows how white text looks on a background with the YIQ color 137.8070, 11.8700,

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

137.8070, 11.8700, 27.1820

Protanopia

134.1120, -23.2020, 13.0060

Deuteranopia

135.5060, -12.7480, 10.7720



Tritanopia

136.2030, 18.8420, 10.9540

Trichromacy



Original Color

137.8070, 11.8700, 27.1820

Protanomaly

135.8040, -10.4110, 17.9810

Deuteranomaly

136.5720, -3.9460, 16.4540

Tritanomaly

136.5220, 16.6860, 16.9900

Monochromacy



Original Color

137.8070, 11.8700, 27.1820

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 137.8070, 11.8700, 27.1820 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 117, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 117, 171) }
```

Border

The CSS property to change the border of an element to YIQ 137.8070, 11.8700, 27.1820 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, 171) }
```


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

```
.border{ border-color:rgb(166, 117, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 117, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 117, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 117,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8070, 11.8700, 27.1820 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, 171) }
```

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

```
.background{ background-color: rgb(166,  
117, 171) }
```

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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