

Converting Colors

YIQ(137.7130, -8.8970, 12.5670)

Have a look what the booklet for
YIQ(137.7130, -8.8970, 12.5670)
contains.

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Color

**YIQ(137.7130, -8.8970,
12.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	8984A9
RGB	137, 132, 169
RGB Percent	54%, 52%, 66%
CMY	0.4627, 0.4823, 0.3373
CMYK	0.19, 0.22, 0.00, 0.34
HSL	248°, 18%, 59%
HSV	248°, 22%, 66%
XYZ	25.7289, 24.6851, 40.9367
YIQ	137.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

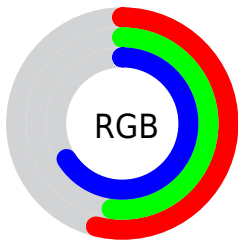
Format	Color
R_{YB}	137, 132, 169
Decimal	9012393
CIE _{Lab}	56.77, 9.79, -18.89
CIE _{LCh}	57, 21.275, 297.400
Yxy	24.6851, 0.2816, 0.2702
Android (android.graphics.Color)	4287202473 (0xFF8984A9)
YUV	137.7130, 15.4245, -0.6253
Hunter-Lab	49.6841, 5.4891, -14.0726

Details

The YIQ color $137.7130, -8.8970, 12.5670$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $163.2870, 8.8970, -12.5670$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.2400, -8.9430, 13.4010$, and $88.0720, -8.5300, 11.4220$ is the 20% darker color. If you saturate the color by 10%, you get $123.2490, -13.1620, 18.2780$, and if you desaturate by 10%, it is $152.1770, -4.6320, 6.8560$.

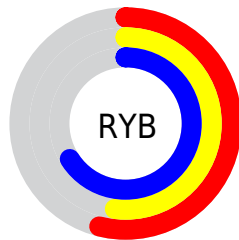
Distribution



Red (54%)

Green (52%)

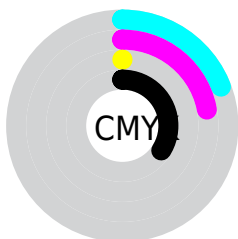
Blue (66%)



Red (54%)

Yellow (52%)

Blue (66%)

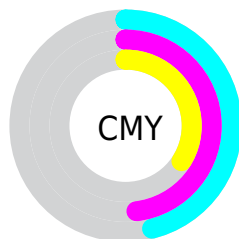


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (46%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7130, -8.8970, 12.5670 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 137.7130, -8.8970, 12.5670 by changing the saturation by 10% instead.

■ 137.7130, -8.8970,
12.5670

■ 137.7130, -8.8970,
12.5670

■ 255.0000, -0.0000,
-0.0000

■ 112.1860, -8.8510,
11.7330

■ 191.2400, -8.9430,
13.4010

■ 88.0720, -8.5300,
11.4220

■ 219.3540, -9.2640,
13.7120

■ 64.5450, -8.4840,
10.5880

■ 244.3900, -0.9180,
5.6260

■ 42.0180, -8.4380,
9.7540

■ 21.1920, -8.9880,
8.7080

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 137.7130, -8.8970,
12.5670

■ 137.7130, -8.8970,
12.5670

■ 123.2490,
-13.1620, 18.2780

■ 152.1770, -4.6320,
6.8560

■ 109.0840,
-16.8310, 24.2010

■ 166.3420, -0.9630,
0.9330

■ 94.6200, -21.0960,
29.9120

■ 180.8060, 3.3020,
-4.7780

■ 80.4550, -24.7650,
35.8350

■ 194.9710, 6.9710,
-10.7010

■ 66.5780, -29.3050,
41.0230

■ 208.8480, 11.5110,
-15.8890

■ 52.1140, -33.5700,
46.7340

■ 223.3120, 15.7760,
-21.6000

■ 37.9490, -37.2390,
52.6570

■ 237.4770, 19.4450,
-27.5230

■ 26.1430, -40.5410,
57.4350

■ 244.8970, 27.0100,
-26.9580

■ 245.1960, 27.6060,
-26.7460

Harmonies

Analogous

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



133.9170, -27.3270, 5.1610



137.7130, -8.8970, 12.5670



139.2870, 10.0380, 16.3260

Triad

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



137.7130, -8.8970, 12.5670



136.8540, 29.7100, 1.2140



128.7740, -29.2030, -15.9150

Complementary

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



137.7130, -8.8970, 12.5670



163.2870, 8.8970, -12.5670

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.



130.6420, -11.2760, -15.9160



137.7130, -8.8970, 12.5670



135.0930, 21.3670, -7.2810

Square

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



137.7130, -8.8970, 12.5670



138.4940, 31.0840, 9.3560



133.3900, 7.1090, -13.2030



127.6620, -40.3910, -11.3910

Rectangle

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



137.7130, -8.8970, 12.5670



139.5500, 19.4830, 15.8590



133.3900, 7.1090, -13.2030



129.1830, -23.1050, -16.2970

Sweetspot

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



137.7130, -8.8970, 12.5670



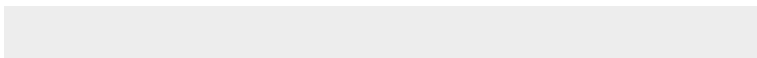
206.3080, -3.6230, 5.0890



155.0020, -20.6770, -5.2290



102.3250, -2.2930, 3.0110



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.



137.7130, -8.8970, 12.5670



170.8900, -13.5290, 19.4230



143.0950, 1.8310, 16.3830



77.2110, -1.9720, 2.7000



22.8520, -35.5880, 50.2680



3.1770, -4.6320, 6.8560

Inverse Universe

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



146.7110, 11.7800, 17.7960



184.7430, 17.9220, 27.6340



157.9050, -1.8310, -16.3830



79.1900, 2.5210, 3.8730



58.8440, 47.1200, 71.1840



8.0320, 6.1420, 9.8380

Previews

White Background



This preview shows how the YIQ color 137.7130, -8.8970, 12.5670 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 137.7130, -8.8970, 12.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

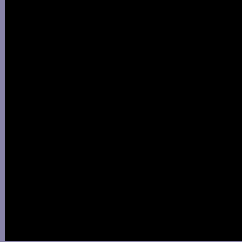
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.7130, -8.8970, 12.5670

Background



This preview shows how black text looks on a background with the YIQ color 137.7130, -8.8970, 12.5670.



This preview shows how white text looks on a background with the YIQ color 137.7130, -8.8970,

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

137.7130, -8.8970, 12.5670

Protanopia

136.7120, -16.3240, 9.5000

Deuteranopia

137.1040, -11.5560, 11.1960



Tritanopia

136.3570, -5.3190, 2.7850

Trichromacy



Original Color

137.7130, -8.8970, 12.5670

Protanomaly

137.2070, -13.3440, 10.5600

Deuteranomaly

137.4030, -10.9600, 11.4080

Tritanomaly

136.9810, -7.0160, 6.0080

Monochromacy



Original Color

137.7130, -8.8970, 12.5670

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0800, -2.9810, 4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7130, -8.8970, 12.5670 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(137, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 132, 169)  
}
```

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(137, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 132, 169) }
```

Border

The CSS property to change the border of an element to YIQ 137.7130, -8.8970, 12.5670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

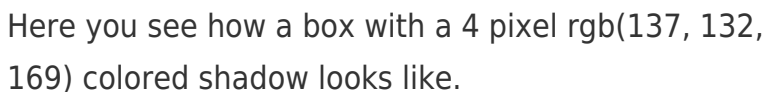
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 132, 169) }
```


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

```
.border{ border-color:rgb(137, 132, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 132, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 132, 169); box-shadow:4px 4px 4px 4px rgb(137, 132, 169) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7130, -8.8970, 12.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 132, 169) }
```

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

```
.background{ background-color: rgb(137,  
132, 169) }
```

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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