

Converting Colors

YIQ(119.2690, -7.8870, 5.2730)

Have a look what the booklet for
YIQ(119.2690, -7.8870, 5.2730)
contains.

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Color

**YIQ(119.2690, -7.8870,
5.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	737689
RGB	115, 118, 137
RGB Percent	45%, 46%, 54%
CMY	0.5490, 0.5372, 0.4628
CMYK	0.16, 0.14, 0.00, 0.46
HSL	232°, 9%, 49%
HSV	232°, 16%, 54%
XYZ	18.0635, 18.4079, 26.2635
YIQ	119.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

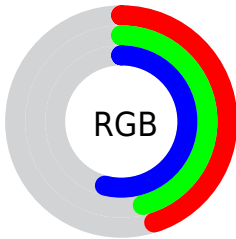
Format	Color
R_{YB}	115, 118, 137
Decimal	7566985
CIE _{Lab}	49.99, 3.04, -10.73
CIE _{LCh}	50, 11.150, 285.831
Yxy	18.4079, 0.2879, 0.2934
Android (android.graphics.Color)	4285757065 (0xFF737689)
YUV	119.2690, 8.7414, -3.7439
Hunter-Lab	42.9044, 0.0688, -6.2607

Details

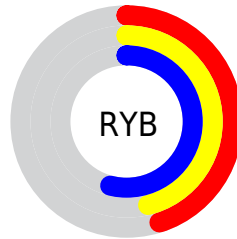
The YIQ color **119.2690, -7.8870, 5.2730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **132.7310, 7.8870, -5.2730**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3830, -8.2080, 5.5840**, and **71.0410, -7.2450, 4.6510** is the 20% darker color. If you saturate the color by 10%, you get **108.0390, -12.9310, 8.5810**, and if you desaturate by 10%, it is **130.4990, -2.8430, 1.9650**.

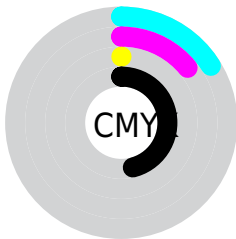
Distribution



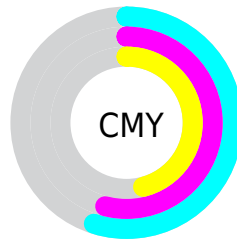
- Red (45%)
- Green (46%)
- Blue (54%)



- Red (45%)
- Yellow (46%)
- Blue (54%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2690, -7.8870, 5.2730 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 119.2690, -7.8870, 5.2730 by changing the saturation by 10% instead.

■ 119.2690, -7.8870,
5.2730

■ 119.2690, -7.8870,
5.2730

■ 255.0000, -0.0000,
-0.0000

■ 94.2690, -7.8870,
5.2730

■ 171.3830, -8.2080,
5.5840

■ 71.0410, -7.2450,
4.6510

■ 198.4970, -8.5290,
5.8950

■ 48.6280, -7.5200,
4.1280

■ 226.6110, -8.8500,
6.2060

■ 27.5140, -7.1990,
3.8170

■ 253.2170, -2.1090,
-0.3250

■ 2.5080, -7.0620,
6.8420

■ 0.0000, 0.0000,
0.0000

■ 119.2690, -7.8870,
5.2730

■ 119.2690, -7.8870,
5.2730

■ 108.0390,
-12.9310, 8.5810

■ 130.4990, -2.8430,
1.9650

■ 97.1080, -17.3790,
12.1010

■ 141.4300, 1.6050,
-1.5550

■ 86.4650, -22.6980,
14.8860

■ 152.0730, 6.9240,
-4.3400

■ 75.2350, -27.7420,
18.1940

■ 163.3030, 11.9680,
-7.6480

■ 64.3040, -32.1900,
21.7140

■ 174.2340, 16.4160,
-11.1680

■ 53.0740, -37.2340,
25.0220

■ 185.4640, 21.4600,
-14.4760

■ 41.8440, -42.2780,
28.3300

■ 196.6940, 26.5040,
-17.7840

■ 30.6140, -47.3220,

■ 207.9240, 31.5480,

31.6380

-21.0920

■ 26.7710, -49.2020,
32.6700

■ 218.2680, 36.2710,
-24.0890

Harmonies

Analogous

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



117.4420, -15.8640, 1.1600



119.2690, -7.8870, 5.2730



120.5260, 1.6950, 7.8310

Triad

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



119.2690, -7.8870, 5.2730



119.9650, 16.2760, 2.3880



115.9830, -10.4980, -7.9860

Complementary

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



119.2690, -7.8870, 5.2730



132.7310, 7.8870, -5.2730

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.



117.1750, -2.2910, -8.0430



119.2690, -7.8870, 5.2730



119.3620, 13.4800, -2.0080

Square

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



119.2690, -7.8870, 5.2730



120.3010, 15.4500, 6.3460



118.1330, 6.6950, -5.6970



115.3290, -17.2840, -6.1480

Rectangle

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



119.2690, -7.8870, 5.2730



120.5760, 7.4260, 8.5940



118.1330, 6.6950, -5.6970



116.2390, -8.3430, -8.4950

Sweetspot

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



119.2690, -7.8870, 5.2730



171.6130, -3.1640, 2.2760



130.0800, -12.1490, -5.5970



85.1570, -1.8800, 1.0320



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



119.2690, -7.8870, 5.2730



151.2240, -12.0140, 8.4820



119.9000, -2.2940, 8.5380



63.3850, -2.5220, 1.6540



25.7280, -47.6430, 31.9490



1.1570, -1.8800, 1.0320

Inverse Universe

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



121.9200, 12.1490, 5.5970



155.6220, 18.9800, 8.4520



132.1000, 2.2940, -8.5380



64.2070, 3.8510, 1.7950



41.8190, 73.4900, 33.7940



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 119.2690, -7.8870, 5.2730 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 119.2690, -7.8870, 5.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

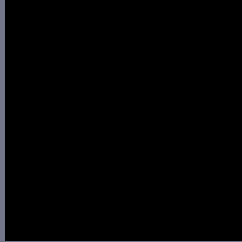
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.2690, -7.8870, 5.2730

Background



This preview shows how black text looks on a background with the YIQ color 119.2690, -7.8870, 5.2730.



This preview shows how white text looks on a background with the YIQ color 119.2690, -7.8870,

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

119.2690, -7.8870, 5.2730

Protanopia

119.2690, -7.8870, 5.2730

Deuteranopia

119.8890, -3.7610, 7.5910



Tritanopia

118.6450, -6.1900, 2.0500

Trichromacy



Original Color

119.2690, -7.8870, 5.2730

Protanomaly

119.2690, -7.8870, 5.2730

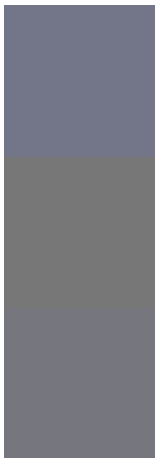
Deuteranomaly

119.8780, -5.2280, 6.6440

Tritanomaly

118.9870, -7.1530, 2.9830

Monochromacy



Original Color

119.2690, -7.8870, 5.2730

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.4990, -2.8430, 1.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2690, -7.8870, 5.2730 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(115, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(115, 118, 137)  
}
```

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(115, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 118, 137) }
```

Border

The CSS property to change the border of an element to YIQ 119.2690, -7.8870, 5.2730 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(115, 118, 137) }
```


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

```
.border{ border-color:rgb(115, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(115, 118,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2690, -7.8870, 5.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 118, 137) }
```

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

```
.background{ background-color: rgb(115,  
118, 137) }
```

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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