

Converting Colors

YIQ(119.9070, -4.1720, -1.4840)

Have a look what the booklet for
YIQ(119.9070, -4.1720, -1.4840)
contains.

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Color

**YIQ(119.9070, -4.1720,
-1.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	737A7A
RGB	115, 122, 122
RGB Percent	45%, 48%, 48%
CMY	0.5490, 0.5215, 0.5216
CMYK	0.06, 0.00, 0.00, 0.52
HSL	180°, 3%, 46%
HSV	180°, 6%, 48%
XYZ	17.5422, 18.9694, 21.1479
YIQ	119.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

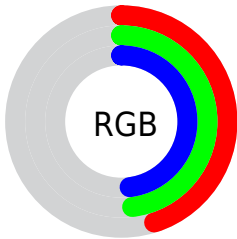
Format	Color
R_{YB}	115, 119, 122
Decimal	7567994
CIE _{Lab}	50.65, -2.61, -0.91
CIE _{LCh}	51, 2.767, 199.155
Yxy	18.9694, 0.3042, 0.3290
Android (android.graphics.Color)	4285758074 (0xFF737A7A)
YUV	119.9070, 1.0318, -4.3034
Hunter-Lab	43.5538, -4.3249, 1.6990

Details

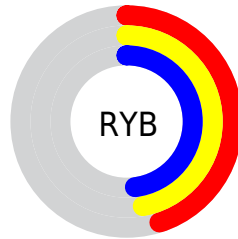
The YIQ color **119.9070, -4.1720, -1.4840** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.0930, 4.1720, 1.4840**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.9070, -4.1720, -1.4840**, and **71.2060, -3.5760, -1.2720** is the 20% darker color. If you saturate the color by 10%, you get **116.3190, -11.3240, -4.0280**, and if you desaturate by 10%, it is **123.4950, 2.9800, 1.0600**.

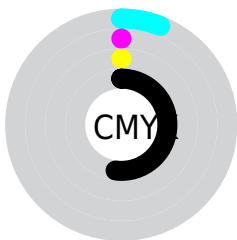
Distribution



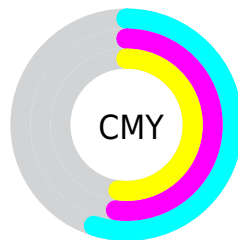
- Red (45%)
- Green (48%)
- Blue (48%)



- Red (45%)
- Yellow (47%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9070, -4.1720, -1.4840 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 119.9070, -4.1720, -1.4840 by changing the saturation by 10% instead.

■ 119.9070, -4.1720,
-1.4840

■ 119.9070, -4.1720,
-1.4840

■ 255.0000, -0.0000,
-0.0000

■ 94.9070, -4.1720,
-1.4840

■ 171.9070, -4.1720,
-1.4840

■ 71.2060, -3.5760,
-1.2720

■ 199.6080, -4.7680,
-1.6960

■ 49.2060, -3.5760,
-1.2720

■ 227.6080, -4.7680,
-1.6960

■ 28.2060, -3.5760,
-1.2720

■ 253.8040, -2.3840,
-0.8480

■ 2.8040, -2.3840,
-0.8480

■ 0.0000, 0.0000,
0.0000

■ 119.9070, -4.1720,
-1.4840

■ 119.9070, -4.1720,
-1.4840

■ 116.3190,
-11.3240, -4.0280

■ 123.4950, 2.9800,
1.0600

■ 112.7310,
-18.4760, -6.5720

■ 127.0830, 10.1320,
3.6040

■ 108.8440,
-26.2240, -9.3280

■ 130.9700, 17.8800,
6.3600

■ 105.2560,
-33.3760, -11.8720

■ 134.5580, 25.0320,
8.9040

■ 101.6680,
-40.5280, -14.4160

■ 138.1460, 32.1840,
11.4480

■ 98.0800, -47.6800,
-16.9600

■ 141.7340, 39.3360,
13.9920

■ 94.4920, -54.8320,
-19.5040

■ 145.3220, 46.4880,
16.5360

■ 90.6050, -62.5800,

■ 149.2090, 54.2360,

-22.2600

19.2920

■ 87.0170, -69.7320,
-24.8040

■ 152.7970, 61.3880,
21.8360

Harmonies

Analogous

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



119.9780, -2.9340, -1.8940



119.9070, -4.1720, -1.4840



120.1350, -4.8140, -0.8620

Triad

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



119.9070, -4.1720, -1.4840



121.3530, 0.5040, 1.8800



120.7400, 3.6680, -0.3960

Complementary

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



119.9070, -4.1720, -1.4840



117.0930, 4.1720, 1.4840

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.



120.5660, 4.2180, 0.6500



119.9070, -4.1720, -1.4840



121.1360, 2.6130, 2.2050

Square

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



119.9070, -4.1720, -1.4840



120.5700, -1.6050, 1.5550



121.0930, 4.1720, 1.4840



120.4300, 1.6050, -1.5550

Rectangle

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



119.9070, -4.1720, -1.4840



120.2600, -3.6680, 0.3960



121.0930, 4.1720, 1.4840



120.7400, 3.6680, -0.3960

Sweetspot

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



119.9070, -4.1720, -1.4840



157.1030, -1.7880, -0.6360



119.1090, -1.9250, -3.6610



78.4020, -1.1920, -0.4240



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



119.9070, -4.1720, -1.4840



154.7110, -6.5560, -2.3320



118.1460, -3.3470, 0.0850



59.5050, -2.9800, -1.0600



87.6250, -74.5000, -26.5000



176.6520, -150.1920, -53.4240

Inverse Universe

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



117.0930, 4.1720, 1.4840



150.2890, 6.5560, 2.3320



118.8540, 3.3470, -0.0850



57.4950, 2.9800, 1.0600



37.3750, 74.5000, 26.5000



75.3480, 150.1920, 53.4240

Previews

White Background



This preview shows how the YIQ color 119.9070, -4.1720, -1.4840 looks on a white background.

Color Contrast Check

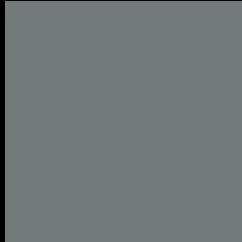
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9070, -4.1720, -1.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

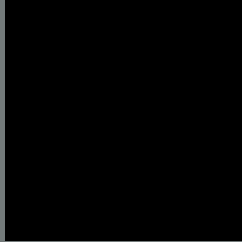
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

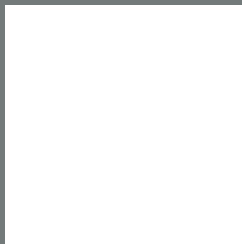
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.9070, -4.1720, -1.4840

Background



This preview shows how black text looks on a background with the YIQ color 119.9070, -4.1720, -1.4840.



This preview shows how white text looks on a background with the YIQ color 119.9070, -4.1720, -1.4840.

-1.4840.

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

119.9070, -4.1720, -1.4840

Protanopia

120.7120, 0.8710, 0.7350

Deuteranopia

121.8700, 6.4180, 4.8340



Tritanopia

120.5310, -5.8690, 1.7390

Trichromacy



Original Color

119.9070, -4.1720, -1.4840

Protanomaly

120.4020, -1.1920, -0.4240

Deuteranomaly

121.2500, 2.2920, 2.5160

Tritanomaly

120.1890, -4.9060, 0.8060

Monochromacy



Original Color

119.9070, -4.1720, -1.4840

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9070, -4.1720, -1.4840 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, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 122, 122)  
}
```

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, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 122, 122) }
```

Border

The CSS property to change the border of an element to YIQ 119.9070, -4.1720, -1.4840 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, 122, 122) }
```


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

```
.border{ border-color:rgb(115, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 122,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9070, -4.1720, -1.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 122, 122) }
```

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

```
.background{ background-color: rgb(115,  
122, 122) }
```

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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