

Converting Colors

YIQ(119.7470, 28.1530, -9.1190)

Have a look what the booklet for
YIQ(119.7470, 28.1530, -9.1190)
contains.

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Color

**YIQ(119.7470, 28.1530,
-9.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7649
RGB	141, 118, 73
RGB Percent	55%, 46%, 29%
CMY	0.4470, 0.5373, 0.7136
CMYK	0.00, 0.16, 0.48, 0.45
HSL	40°, 32%, 42%
HSV	40°, 48%, 55%
XYZ	18.6668, 19.0994, 9.0125
YIQ	119.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

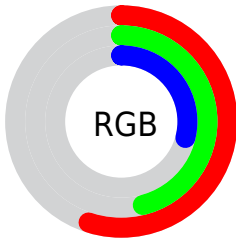
Format	Color
RYB	108, 141, 73
Decimal	9270857
CIELab	50.80, 2.69, 28.02
CIELCh	51, 28.145, 84.517
Yxy	19.0994, 0.3990, 0.4083
Android (android.graphics.Color)	4287460937 (0xFF8D7649)
YUV	119.7470, -23.0463, 18.6389
Hunter-Lab	43.7029, -0.2374, 18.3650

Details

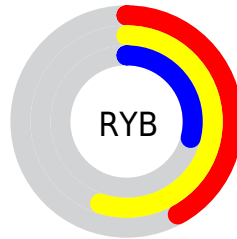
The YIQ color **119.7470, 28.1530, -9.1190** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **94.2530, -28.1530, 9.1190**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.3020, 30.9040, -9.4160**, and **70.7790, 25.1270, -9.3450** is the 20% darker color. If you saturate the color by 10%, you get **115.2160, 34.0220, -10.8580**, and if you desaturate by 10%, it is **124.2780, 22.2840, -7.3800**.

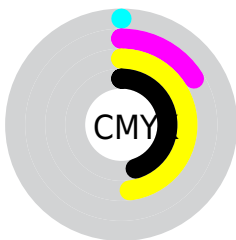
Distribution



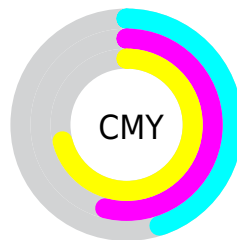
- Red (55%)
- Green (46%)
- Blue (29%)



- Red (42%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (48%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7470, 28.1530, -9.1190 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 119.7470, 28.1530, -9.1190 by changing the saturation by 10% instead.

■ 119.7470, 28.1530,
-9.1190

■ 119.7470, 28.1530,
-9.1190

■ 255.0000, -0.0000,
-0.0000

■ 94.6760, 26.9150,
-8.7090

■ 172.3020, 30.9040,
-9.4160

■ 70.7790, 25.1270,
-9.3450

■ 199.7860, 32.4170,
-9.3030

■ 47.7680, 23.6600,
-10.2920

■ 227.9710, 33.3340,
-9.4020

■ 28.1080, 17.0110,
-5.4290

■ 248.4850, 16.9670,
-15.6490

■ 3.8760, 6.2810,
1.8090

■ 252.2640, 7.7040,
-7.4640

■ 0.0000, 0.0000,
0.0000

■ 119.7470, 28.1530,
-9.1190

■ 119.7470, 28.1530,
-9.1190

■ 115.2160, 34.0220,
-10.8580

■ 124.2780, 22.2840,
-7.3800

■ 110.6850, 39.8910,
-12.5970

■ 128.8090, 16.4150,
-5.6410

■ 106.7410, 45.4850,
-14.8590

■ 132.7530, 10.8210,
-3.3790

■ 102.2100, 51.3540,
-16.5980

■ 137.2840, 4.9520,
-1.6400

■ 97.6790, 57.2230,
-18.3370

■ 141.9290, -1.2380,
0.4100

■ 96.7500, 58.4610,
-18.7470

■ 146.4600, -7.1070,
2.1490

■ 150.4040,
-12.7010, 4.4110

■ 154.9350,

-18.5700, 6.1500

■ 159.4660,
-24.4390, 7.8890

Harmonies

Analogous

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



121.5730, 37.8710, 1.9910



119.7470, 28.1530, -9.1190



117.7230, 10.3650, -17.1470

Triad

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



119.7470, 28.1530, -9.1190



103.5880, -63.9100, -20.1820



124.3350, 10.0830, 21.0190

Complementary

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



119.7470, 28.1530, -9.1190



94.2530, -28.1530, 9.1190

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.



122.1840, -14.5370, 15.6630



119.7470, 28.1530, -9.1190



106.9830, -63.2240, -10.5840

Square

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



119.7470, 28.1530, -9.1190



109.2240, -39.5180, -21.7100



116.1480, -41.2190, 3.6210



123.8610, 28.9730, 20.0850

Rectangle

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



119.7470, 28.1530, -9.1190



115.1280, -4.0770, -19.7330



116.1480, -41.2190, 3.6210



124.3880, 2.5640, 19.6200

Sweetspot

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



119.7470, 28.1530, -9.1190



175.7530, 10.8210, -3.3790



96.0680, 32.8240, 21.8800



87.2410, 6.5110, -2.3610



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



119.7470, 28.1530, -9.1190



150.6700, 44.2470, -14.4490



130.2580, 15.8680, -23.2680



69.0280, 2.7970, -1.1310



92.6080, 55.9850, -17.9270



5.3270, 3.3930, -0.9190

Inverse Universe

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



94.2530, -28.1530, 9.1190



110.3300, -44.2470, 14.4490



83.7420, -15.8680, 23.2680



66.5590, -3.0720, 0.6080



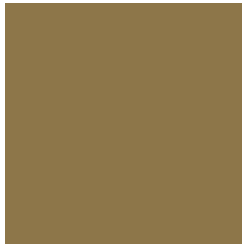
42.3920, -55.9850, 17.9270



2.6730, -3.3930, 0.9190

Previews

White Background



This preview shows how the YIQ color 119.7470, 28.1530, -9.1190 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 119.7470, 28.1530, -9.1190 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 119.7470, 28.1530, -9.1190

Background



This preview shows how black text looks on a background with the YIQ color 119.7470, 28.1530, -9.1190.



This preview shows how white text looks on a background with the YIQ color 119.7470, 28.1530,

-9.1190.

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

119.7470, 28.1530, -9.1190

Protanopia

118.9310, 21.6430, -12.2850

Deuteranopia

120.4810, 31.9580, -6.4900



Tritanopia

123.1920, 17.3750, 10.0070

Trichromacy



Original Color

119.7470, 28.1530, -9.1190

Protanomaly

119.2410, 23.7060, -11.1260

Deuteranomaly

120.4700, 30.4910, -7.4370

Tritanomaly

121.8300, 21.0900, 3.2500

Monochromacy



Original Color

119.7470, 28.1530, -9.1190

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8670, 10.5000, -3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7470, 28.1530, -9.1190 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(141, 118, 73)` looks like.

```
.text, #text, p{  
    color:rgb(141, 118, 73)  
}
```

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(141, 118, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 118, 73) }
```

Border

The CSS property to change the border of an element to YIQ 119.7470, 28.1530, -9.1190 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(141, 118, 73) }
```


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

```
.border{ border-color:rgb(141, 118, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 118, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 118, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 118, 73);  
box-shadow:4px 4px 4px 4px rgb(141, 118,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7470, 28.1530, -9.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 118, 73) }
```

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

```
.background{ background-color: rgb(141,  
118, 73) }
```

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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