

Converting Colors

YIQ(122.5400, 7.1070, -2.1490)

Have a look what the booklet for
YIQ(122.5400, 7.1070, -2.1490)
contains.

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Color

**YIQ(122.5400, 7.1070,
-2.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	807A6F
RGB	128, 122, 111
RGB Percent	50%, 48%, 44%
CMY	0.4980, 0.5216, 0.5647
CMYK	0.00, 0.05, 0.13, 0.50
HSL	39°, 7%, 47%
HSV	39°, 13%, 50%
XYZ	18.7314, 19.6557, 17.8483
YIQ	122.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

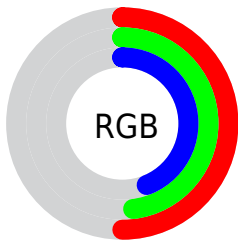
Format	Color
R_{YB}	120, 128, 111
Decimal	8419951
CIE Lab	51.45, 0.26, 6.83
CIE LCh	51, 6.834, 87.861
Yxy	19.6557, 0.3331, 0.3495
Android (android.graphics.Color)	4286610031 (0xFF807A6F)
YUV	122.5400, -5.6892, 4.7884
Hunter-Lab	44.3347, -2.1698, 7.1653

Details

The YIQ color $122.5400, 7.1070, -2.1490$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $116.4600, -7.1070, 2.1490$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $174.8390, 7.7030, -1.9370$, and $73.6540, 6.7860, -1.8380$ is the 20% darker color. If you saturate the color by 10%, you get $118.1230, 12.6550, -3.5770$, and if you desaturate by 10%, it is $126.9570, 1.5590, -0.7210$.

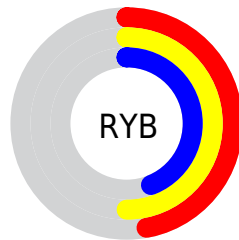
Distribution



Red (50%)

Green (48%)

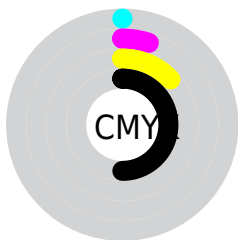
Blue (44%)



Red (47%)

Yellow (50%)

Blue (44%)

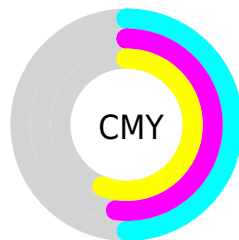


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5400, 7.1070, -2.1490 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 122.5400, 7.1070, -2.1490 by changing the saturation by 10% instead.

■ 122.5400, 7.1070,
-2.1490

■ 122.5400, 7.1070,
-2.1490

■ 255.0000, -0.0000,
-0.0000

■ 97.6540, 6.7860,
-1.8380

■ 174.8390, 7.7030,
-1.9370

■ 73.6540, 6.7860,
-1.8380

■ 202.4260, 7.4280,
-2.4600

■ 51.3550, 6.1900,
-2.0500

■ 230.6110, 8.3450,
-2.5590

■ 30.1700, 5.2730,
-1.9510

■ 253.9740, 2.8890,
-2.7990

■ 5.6260, 3.9890,
-0.7070

■ 0.0000, 0.0000,
0.0000

■ 122.5400, 7.1070,
-2.1490

■ 122.5400, 7.1070,
-2.1490

■ 118.1230, 12.6550,
-3.5770

■ 126.9570, 1.5590,
-0.7210

■ 114.2930, 17.9280,
-5.5280

■ 130.7870, -3.7140,
1.2300

■ 109.9900, 23.1550,
-6.6450

■ 135.0900, -8.9410,
2.3470

■ 106.1600, 28.4280,
-8.5960

■ 138.9200,
-14.2140, 4.2980

■ 101.7430, 33.9760,
-10.0240

■ 143.3370,
-19.7620, 5.7260

■ 97.9130, 39.2490,
-11.9750

■ 147.1670,
-25.0350, 7.6770

■ 93.4960, 44.7970,
-13.4030

■ 151.5840,
-30.5830, 9.1050

■ 89.7800, 49.7490,

■ 155.3000,

-15.0430

-35.5350, 10.7450

■ 86.9930, 53.4630,
-16.2730

■ 159.7170,
-41.0830, 12.1730

Harmonies

Analogous

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



123.0890, 9.9950, 0.5790



122.5400, 7.1070, -2.1490



121.7350, 2.0640, -4.3680

Triad

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



122.5400, 7.1070, -2.1490



120.8460, -11.3700, -3.1940



124.0160, 3.0710, 4.9190

Complementary

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



122.5400, 7.1070, -2.1490



116.4600, -7.1070, 2.1490

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.



122.9660, -2.6600, 4.1560



122.5400, 7.1070, -2.1490



121.3130, -11.1870, -1.0030

Square

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



122.5400, 7.1070, -2.1490



120.7600, -8.2520, -4.6360



122.1610, -7.7030, 1.9370



123.9410, 7.6560, 4.4240

Rectangle

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



122.5400, 7.1070, -2.1490



121.4680, -1.5580, -4.8060



122.1610, -7.7030, 1.9370



123.5320, 1.5580, 4.8060

Sweetspot

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



122.5400, 7.1070, -2.1490



163.4410, 3.0720, -0.6080



116.7670, 8.2060, 5.4700



82.9570, 1.5590, -0.7210



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



122.5400, 7.1070, -2.1490



157.0520, 11.4170, -3.1670



125.4640, 4.2650, -5.7110



61.4410, 3.0720, -0.6080



86.4060, 53.7380, -15.7500



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.4600, -7.1070, 2.1490



147.9480, -11.4170, 3.1670



113.5360, -4.2650, 5.7110



59.5590, -3.0720, 0.6080



41.0070, -53.4630, 16.2730



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.5400, 7.1070, -2.1490 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 122.5400, 7.1070, -2.1490 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 122.5400, 7.1070, -2.1490

Background



This preview shows how black text looks on a background with the YIQ color 122.5400, 7.1070, -2.1490.



This preview shows how white text looks on a background with the YIQ color 122.5400, 7.1070,

-2.1490.

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

122.5400, 7.1070, -2.1490

Protanopia

122.2410, 6.5110, -2.3610

Deuteranopia

123.2960, 13.8460, 2.3740



Tritanopia

123.4290, 3.3460, 5.4420

Trichromacy



Original Color

122.5400, 7.1070, -2.1490

Protanomaly

122.2410, 6.5110, -2.3610

Deuteranomaly

122.6870, 11.1870, 1.0030

Tritanomaly

122.9190, 4.7220, 2.5300

Monochromacy



Original Color

122.5400, 7.1070, -2.1490

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5400, 7.1070, -2.1490 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(128, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 111)  
}
```

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(128, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 111) }
```

Border

The CSS property to change the border of an element to YIQ 122.5400, 7.1070, -2.1490 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(128, 122, 111) }
```


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

```
.border{ border-color:rgb(128, 122, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5400, 7.1070, -2.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 111) }
```

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

```
.background{ background-color: rgb(128,  
122, 111) }
```

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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