

Converting Colors

YIQ(122.2510, 0.5510, -4.4810)

Have a look what the booklet for
YIQ(122.2510, 0.5510, -4.4810)
contains.

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Color

**YIQ(122.2510, 0.5510,
-4.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	787D72
RGB	120, 125, 114
RGB Percent	47%, 49%, 45%
CMY	0.5294, 0.5098, 0.5529
CMYK	0.04, 0.00, 0.09, 0.51
HSL	87°, 5%, 47%
HSV	87°, 9%, 49%
XYZ	18.1164, 19.8755, 18.8019
YIQ	122.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

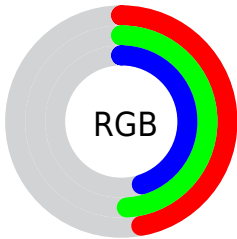
Format	Color
RYB	114, 125, 119
Decimal	7896434
CIELab	51.70, -4.04, 5.35
CIElCh	52, 6.703, 127.113
Yxy	19.8755, 0.3190, 0.3500
Android (android.graphics.Color)	4286086514 (0xFF787D72)
YUV	122.2510, -4.0677, -1.9741
Hunter-Lab	44.5819, -5.4828, 6.2024

Details

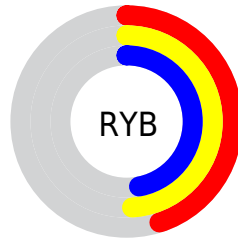
The YIQ color $122.2510, 0.5510, -4.4810$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $116.7490, -0.5510, 4.4810$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.8380, 0.2760, -5.0040$, and $73.6640, 0.8260, -3.9580$ is the 20% darker color. If you saturate the color by 10%, you get $119.0890, 0.8270, -9.4850$, and if you desaturate by 10%, it is $125.5270, -0.0460, 0.8340$.

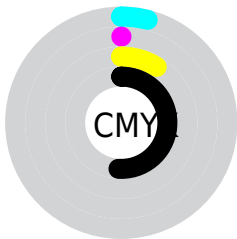
Distribution



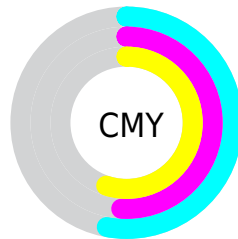
- Red (47%)
- Green (49%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.2510, 0.5510, -4.4810 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 122.2510, 0.5510, -4.4810 by changing the saturation by 10% instead.

■ 122.2510, 0.5510,
-4.4810

■ 122.2510, 0.5510,
-4.4810

■ 255.0000, -0.0000,
-0.0000

■ 97.3650, 0.2300,
-4.1700

■ 174.8380, 0.2760,
-5.0040

■ 73.6640, 0.8260,
-3.9580

■ 202.1370, 0.8720,
-4.7920

■ 51.3650, 0.2300,
-4.1700

■ 230.1370, 0.8720,
-4.7920

■ 29.7780, 0.5050,
-3.6470

■ 254.3160, 1.9260,
-1.8660

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 122.2510, 0.5510,
-4.4810

■ 122.2510, 0.5510,
-4.4810

■ 119.0890, 0.8270,
-9.4850

■ 125.5270, -0.0460,
0.8340

■ 116.1120, 2.0200,
-14.5880

■ 128.3900, -0.9180,
5.6260

■ 112.9500, 2.2960,
-19.5920

■ 131.6660, -1.5150,
10.9410

■ 109.6740, 2.8930,
-24.9070

■ 134.8280, -1.7910,
15.9450

■ 106.8110, 3.7650,
-29.6990

■ 137.8050, -2.9840,
21.0480

■ 103.5350, 4.3620,
-35.0140

■ 140.9670, -3.2600,
26.0520

■ 100.3730, 4.6380,
-40.0180

■ 144.2430, -3.8570,
31.3670

■ 97.0970, 5.2350,

■ 147.4050, -4.1330,

-45.3330

36.3710

■ 94.1200, 6.4280,
-50.4360

■ 150.3820, -5.3260,
41.4740

Harmonies

Analogous

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



122.9420, 5.9150, -2.5730



122.2510, 0.5510, -4.4810



121.6140, -4.9050, -4.7210

Triad

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



122.2510, 0.5510, -4.4810



122.4380, -10.0410, 0.2550



124.1260, 8.5730, 4.3250

Complementary

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



122.2510, 0.5510, -4.4810



116.7490, -0.5510, 4.4810

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.



124.5000, 4.5840, 5.0320



122.2510, 0.5510, -4.4810



123.0580, -5.9150, 2.5730

Square

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



122.2510, 0.5510, -4.4810



121.3730, -11.4160, -2.3600



123.7490, -0.5510, 4.4810



124.1430, 9.9030, 2.2470

Rectangle

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



122.2510, 0.5510, -4.4810



121.6460, -7.9310, -4.9470



123.7490, -0.5510, 4.4810



124.3540, 7.9310, 4.9470

Sweetspot

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



122.2510, 0.5510, -4.4810



161.8320, 0.4130, -1.9790



120.2240, 5.1810, -0.2830



80.9460, 0.0920, -1.6680



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



122.2510, 0.5510, -4.4810



158.5560, 1.0100, -7.2940



120.7560, -2.4290, -5.5410



62.3050, 0.4590, -2.8130



95.7670, 5.9240, -52.3160



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.7490, -0.5510, 4.4810



149.4440, -1.0100, 7.2940



118.2440, 2.4290, 5.5410



58.6950, -0.4590, 2.8130



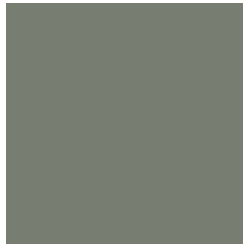
31.9340, -6.5200, 52.1040



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.2510, 0.5510, -4.4810 looks on a white background.

Color Contrast Check

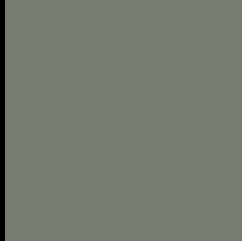
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2510, 0.5510, -4.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

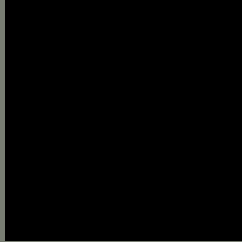
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

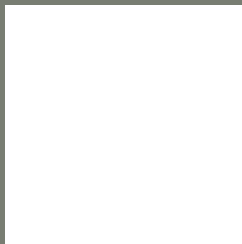
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.2510, 0.5510, -4.4810

Background



This preview shows how black text looks on a background with the YIQ color 122.2510, 0.5510, -4.4810.



This preview shows how white text looks on a background with the YIQ color 122.2510, 0.5510,

-4.4810.

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

122.2510, 0.5510, -4.4810

Protanopia

123.3550, 6.1900, -2.0500

Deuteranopia

124.2250, 12.6080, 2.7840



Tritanopia

123.4390, -2.6140, 3.3220

Trichromacy



Original Color

122.2510, 0.5510, -4.4810

Protanomaly

123.0450, 4.1270, -3.2090

Deuteranomaly

123.3060, 7.8860, 0.2540

Tritanomaly

122.9290, -1.2380, 0.4100

Monochromacy



Original Color

122.2510, 0.5510, -4.4810

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9460, 0.0920, -1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2510, 0.5510, -4.4810 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(120, 125, 114)` looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 114)  
}
```

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(120, 125, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 114) }
```

Border

The CSS property to change the border of an element to YIQ 122.2510, 0.5510, -4.4810 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(120, 125, 114) }
```


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

```
.border{ border-color:rgb(120, 125, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 114);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2510, 0.5510, -4.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 125, 114) }
```

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

```
.background{ background-color: rgb(120,  
125, 114) }
```

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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