

# Converting Colors

YIQ(112.7870, 5.4540, 11.2940)

Have a look what the booklet for  
YIQ(112.7870, 5.4540, 11.2940)  
contains.

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# Color

**YIQ(112.7870, 5.4540,  
11.2940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D687E
RGB	125, 104, 126
RGB Percent	49%, 41%, 49%
CMY	0.5097, 0.5922, 0.5059
CMYK	0.01, 0.17, 0.00, 0.51
HSL	297°, 10%, 45%
HSV	297°, 17%, 49%
XYZ	17.1752, 15.7664, 21.8771
YIQ	112.7870, 5.4540, 11.2940

# Conversions

## Conversions Part 2

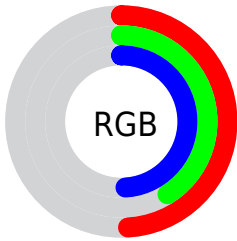
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 104, 126</a>
Decimal	<a href="#">8218750</a>
CIELab	<a href="#">46.67, 12.56, -9.09</a>
CIELCh	<a href="#">47, 15.509, 324.099</a>
Yxy	<a href="#">15.7664, 0.3133, 0.2876</a>
Android (android.graphics.Color)	<a href="#">4286408830 (0xFF7D687E)</a>
YUV	<a href="#">112.7870, 6.5140, 10.7108</a>
Hunter-Lab	<a href="#">39.7070, 7.7228, -4.8717</a>

# Details

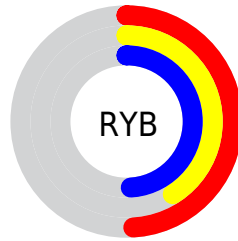
The YIQ color **112.7870, 5.4540, 11.2940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.2130, -5.4540, -11.2940**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6130, 6.0040, 12.3400**, and **64.9610, 4.9040, 10.2480** is the 20% darker color. If you saturate the color by 10%, you get **104.8570, 8.4330, 17.8810**, and if you desaturate by 10%, it is **120.7170, 2.4750, 4.7070**.

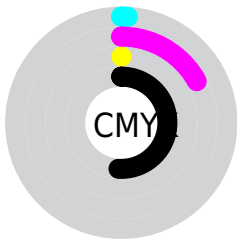
# Distribution



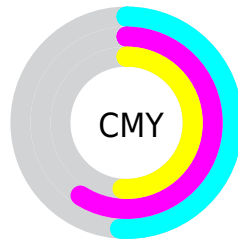
- Red (49%)
- Green (41%)
- Blue (49%)



- Red (49%)
- Yellow (41%)
- Blue (49%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7870, 5.4540, 11.2940 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 112.7870, 5.4540, 11.2940 by changing the saturation by 10% instead.





 112.7870, 5.4540,  
11.2940


 112.7870, 5.4540,  
11.2940

255.0000, -0.0000,  
-0.0000


 88.3740, 5.1790,  
10.7710


 164.6130, 6.0040,  
12.3400


 64.9610, 4.9040,  
10.2480


 191.6130, 6.0040,  
12.3400

 42.5480, 4.6290,  
9.7250

 219.9120, 6.6000,  
12.5520

 22.1350, 4.3540,  
9.2020

 245.0210, 4.6750,  
8.8910

 0.9120, -2.5680,  
2.4880

 0.0000, 0.0000,  
0.0000

■ 112.7870, 5.4540,  
11.2940

■ 112.7870, 5.4540,  
11.2940

■ 104.8570, 8.4330,  
17.8810

■ 120.7170, 2.4750,  
4.7070

■ 97.8130, 11.7330,  
24.1570

■ 127.7610, -0.8250,  
-1.5690

■ 89.8830, 14.7120,  
30.7440

■ 135.6910, -3.8040,  
-8.1560

■ 82.8390, 18.0120,  
37.0200

■ 142.7350, -7.1040,  
-14.4320

■ 74.9090, 20.9910,  
43.6070

■ 150.6650,  
-10.0830, -21.0190

■ 67.2780, 24.5660,  
50.4060

■ 158.2960,  
-13.6580, -27.8180

■ 59.9350, 27.2700,  
56.4700

■ 165.6390,  
-16.3620, -33.8820

■ 52.3040, 30.8450,

■ 173.5690,

63.2690

-19.3410, -40.4690

■ 50.2440, 31.0740,  
64.6260

■ 180.6130,  
-22.6410, -46.7450

# Harmonies

## Analogous

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



111.2630, -7.7500, 8.2980



112.7870, 5.4540, 11.2940



113.2350, 15.8160, 10.7280

# Triad

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



112.7870, 5.4540, 11.2940



110.4500, 16.0480, -4.4960



105.1860, -27.1870, -8.3950

# Complementary

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



112.7870, 5.4540, 11.2940



117.2130, -5.4540, -11.2940

# 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.



105.6830, -18.5210, -11.2650



112.7870, 5.4540, 11.2940



108.8400, 5.9620, -8.9340

# Square

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



112.7870, 5.4540, 11.2940



111.6620, 21.5030, 1.2710



107.0280, -6.3710, -11.1950



106.3480, -27.4630, -3.3910



# Rectangle

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



112.7870, 5.4540, 11.2940



112.2200, 20.1720, 8.8760



107.0280, -6.3710, -11.1950



105.2140, -24.3900, -9.5260

# Sweetspot

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



112.7870, 5.4540, 11.2940



158.3040, 2.2000, 4.1840



107.0950, -7.3370, 6.3190



78.7660, 0.7790, 2.4030



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.



112.7870, 5.4540, 11.2940



142.7430, 8.7540, 17.5700



111.9460, 9.2600, 8.3960



59.5920, 1.3290, 3.4490



51.0700, 31.6240, 65.6720



0.0000, 0.0000, 0.0000



# Inverse Universe

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



110.6920, 12.7910, 4.9750



139.2800, 19.9430, 7.5190



118.0540, -9.2600, -8.3960



59.2070, 3.8510, 1.7950



38.9560, 74.3620, 29.0020

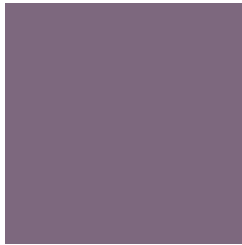


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 112.7870, 5.4540, 11.2940 looks on a white 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



# Black Background



This preview shows how the YIQ color 112.7870, 5.4540, 11.2940 looks on a black 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

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

# YIQ 112.7870, 5.4540, 11.2940

## Background



This preview shows how black text looks on a background with the YIQ color 112.7870, 5.4540, 11.2940.



This preview shows how white text looks on a background with the YIQ color 112.7870, 5.4540,



# 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

112.7870, 5.4540, 11.2940

### Protanopia

111.3830, -8.2080, 5.5840

### Deuteranopia

112.0310, -1.2850, 6.7710



## Tritanopia

111.9950, 7.5640, 6.0920

# Trichromacy



## Original Color

112.7870, 5.4540, 11.2940

## Protanomaly

112.1880, -3.1650, 7.8030

## Deuteranomaly

112.6400, 1.3740, 8.1420

## Tritanomaly

112.1630, 7.1510, 8.0710

# Monochromacy



## Original Color

112.7870, 5.4540, 11.2940

## Achromatopsia

113.0000, -0.0000, 0.0000

## Achromatomaly

113.0050, 1.6040, 3.9720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 112.7870, 5.4540, 11.2940 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(125, 104, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 104, 126)  
}
```

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(125, 104, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 104, 126) }
```

## Border

The CSS property to change the border of an element to YIQ 112.7870, 5.4540, 11.2940 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(125, 104, 126) }
```



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

```
.border{ border-color:rgb(125, 104, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 104, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 104, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 104, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 104,  
126) }
```

# Background

The CSS property to change the background color of an element to YIQ 112.7870, 5.4540, 11.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 104, 126) }
```

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

```
.background{ background-color: rgb(125,  
104, 126) }
```

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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