

# Converting Colors

YIQ(162.7370, 52.4490, 13.1290)

Have a look what the booklet for  
YIQ(162.7370, 52.4490, 13.1290)  
contains.

<b>YIQ(162.7370, 52.4490, 13.1290)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(162.7370, 52.4490,  
13.1290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD8C7F
RGB	221, 140, 127
RGB Percent	87%, 55%, 50%
CMY	0.1331, 0.4511, 0.5017
CMYK	0.00, 0.37, 0.43, 0.13
HSL	8°, 58%, 68%
HSV	8°, 43%, 87%
XYZ	43.0406, 35.6595, 24.7122
YIQ	162.7370, 52.4490, 13.1290

# Conversions

## Conversions Part 2

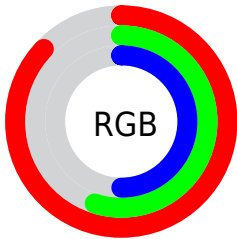
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 142, 127</a>
Decimal	<a href="#">14519423</a>
CIELab	<a href="#">66.26, 29.39, 19.83</a>
CIElCh	<a href="#">66, 35.457, 34.004</a>
Yxy	<a href="#">35.6595, 0.4162, 0.3448</a>
Android (android.graphics.Color)	<a href="#">4292709503</a> ( <a href="#">0xFFDD8C7F</a> )
YUV	<a href="#">162.7370, -17.6183, 51.0967</a>
Hunter-Lab	<a href="#">59.7156, 24.1535, 17.2648</a>

# Details

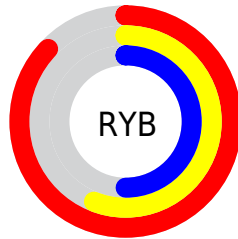
The YIQ color **162.7370, 52.4490, 13.1290** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **185.2630, -52.4490, -13.1290**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6430, 40.8500, 8.5780**, and **109.8720, 47.6350, 12.2670** is the 20% darker color. If you saturate the color by 10%, you get **149.0760, 64.7360, 16.2240**, and if you desaturate by 10%, it is **176.3980, 40.1620, 10.0340**.

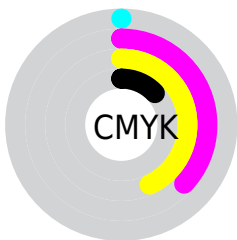
# Distribution



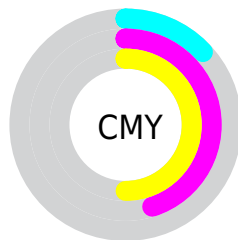
- Red (87%)
- Green (55%)
- Blue (50%)



- Red (87%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (45%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.7370, 52.4490, 13.1290 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 162.7370, 52.4490, 13.1290 by changing the saturation by 10% instead.





 162.7370, 52.4490,  
13.1290


 162.7370, 52.4490,  
13.1290


255.0000, -0.0000,  
-0.0000


 135.9540, 50.3400,  
12.8040


 210.6430, 40.8500,  
8.5780


 109.8720, 47.6350,  
12.2670


 230.1570, 24.4830,  
2.3310

 84.2030, 45.2050,  
12.2530

 250.4860, 7.1990,  
-3.8170

 60.2350, 42.1790,  
12.0270

 34.9790, 40.0240,  
12.5360

 16.4450, 32.7800,  
11.6600

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,  
0.0000

■ 162.7370, 52.4490,  
13.1290

■ 162.7370, 52.4490,  
13.1290

■ 149.0760, 64.7360,  
16.2240

■ 176.3980, 40.1620,  
10.0340

■ 135.4150, 77.0230,  
19.3190

■ 190.0590, 27.8750,  
6.9390

■ 121.7540, 89.3100,  
22.4140

■ 203.7200, 15.5880,  
3.8440

■ 108.0930,  
101.5970, 25.5090

■ 217.3810, 3.3010,  
0.7490

■ 94.4320, 113.8840,  
28.6040

■ 231.1560, -9.3070,  
-2.0350

■ 83.6890, 123.4660,  
31.1620

■ 244.2470,  
-19.9890, -6.6850

■ 244.8340,  
-20.2640, -7.2080

# Harmonies

## Analogous

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



164.2220, 44.1940, 25.0740



162.7370, 52.4490, 13.1290



161.3150, 47.2250, -2.3350

# Triad

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



162.7370, 52.4490, 13.1290



150.0540, -27.5960, -28.5240



157.6950, -44.0170, 10.2790

# Complementary

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



162.7370, 52.4490, 13.1290



185.2630, -52.4490, -13.1290

# 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.



145.8490, -77.3460, -7.9540



162.7370, 52.4490, 13.1290



142.0190, -64.0460, -28.7340

# Square

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



162.7370, 52.4490, 13.1290



155.0440, 4.7270, -25.1050



134.9140, -94.3070, -25.4670



163.8630, -8.8990, 23.6210



# Rectangle

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



162.7370, 52.4490, 13.1290



159.4290, 37.7360, -12.0880



134.9140, -94.3070, -25.4670



154.0740, -55.5700, 4.8940

# Sweetspot

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



162.7370, 52.4490, 13.1290



234.2150, 18.5680, 4.9040



164.4540, 29.7020, 45.4300



115.0400, 11.6910, 2.8830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



162.7370, 52.4490, 13.1290



174.4360, 72.5300, 18.1460



190.3260, 39.5240, -11.4520



102.8760, 6.2810, 1.8090



65.8150, 96.5080, 24.1240



17.2760, 25.7660, 6.6140



# Inverse Universe

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



185.2630, -52.4490, -13.1290



205.5640, -72.5300, -18.1460



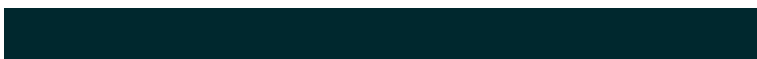
158.2610, -39.7990, 10.9290



105.5370, -6.0060, -1.2860



107.7720, -96.7830, -24.6470

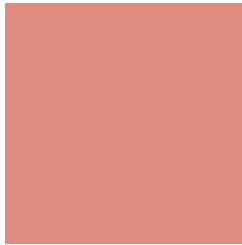


28.7240, -25.7660, -6.6140



# Previews

## White Background



This preview shows how the YIQ color 162.7370, 52.4490, 13.1290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

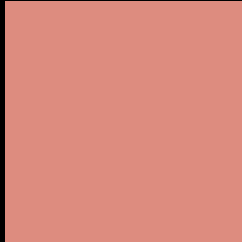
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 162.7370, 52.4490, 13.1290 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 ✓ Pass

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

# YIQ 162.7370, 52.4490, 13.1290

## Background



This preview shows how black text looks on a background with the YIQ color 162.7370, 52.4490, 13.1290.



This preview shows how white text looks on a background with the YIQ color 162.7370, 52.4490,



# 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

162.7370, 52.4490, 13.1290

### Protanopia

160.9550, 13.0680, -5.5560

### Deuteranopia

161.6320, 30.2150, -2.4330



## Tritanopia

163.8540, 48.0460, 21.3420

# Trichromacy



## Original Color

162.7370, 52.4490, 13.1290

## Protanomaly

161.4840, 27.8760, 1.4120

## Deuteranomaly

162.3990, 38.4210, 3.0370

## Tritanomaly

163.3440, 49.4220, 18.4300

# Monochromacy



## Original Color

162.7370, 52.4490, 13.1290

## Achromatopsia

163.0000, -0.0000, -0.0000

## Achromatomaly

163.1010, 18.8890, 4.5930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.7370, 52.4490, 13.1290 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(221, 140, 127)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 127)  
}
```

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(221, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 127) }
```

## Border

The CSS property to change the border of an element to YIQ 162.7370, 52.4490, 13.1290 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(221, 140, 127) }
```



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

```
.border{ border-color:rgb(221, 140, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 140, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
127) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.7370, 52.4490, 13.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 127) }
```

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

```
.background{ background-color: rgb(221,  
140, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor