

# Converting Colors

YIQ(162.4160, 48.9190, 11.0230)

Have a look what the booklet for  
YIQ(162.4160, 48.9190, 11.0230)  
contains.

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# Color

**YIQ(162.4160, 48.9190,  
11.0230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D88E7F
RGB	216, 142, 127
RGB Percent	85%, 56%, 50%
CMY	0.1528, 0.4432, 0.5018
CMYK	0.00, 0.34, 0.41, 0.15
HSL	10°, 53%, 67%
HSV	10°, 41%, 85%
XYZ	41.8340, 35.4758, 24.7392
YIQ	162.4160, 48.9190, 11.0230

# Conversions

## Conversions Part 2

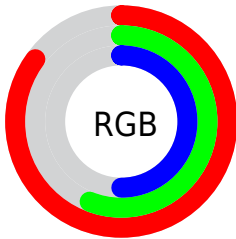
Format	Color
R <sub>Y</sub> B	216, 145, 127
Decimal	14192255
CIE Lab	66.12, 26.38, 19.54
CIE LCh	66, 32.830, 36.528
Yxy	35.4758, 0.4099, 0.3476
Android (android.graphics.Color)	4292382335 (0xFFD88E7F)
YUV	162.4160, -17.4601, 46.9932
Hunter-Lab	59.5616, 21.1396, 17.0667

# Details

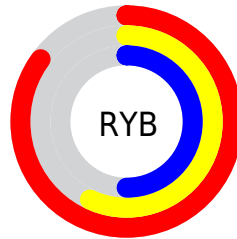
The YIQ color **162.4160, 48.9190, 11.0230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.5840, -48.9190, -11.0230**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.8170, 40.3000, 7.5320**, and **109.8500, 44.7010, 10.3730** is the 20% darker color. If you saturate the color by 10%, you get **149.3420, 60.9310, 13.5950**, and if you desaturate by 10%, it is **175.4900, 36.9070, 8.4510**.

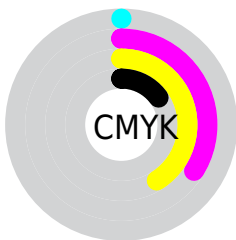
# Distribution



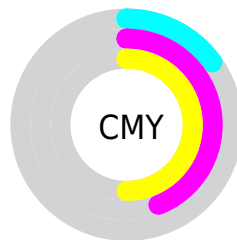
- Red (85%)
- Green (56%)
- Blue (50%)



- Red (85%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (44%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.4160, 48.9190, 11.0230 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 162.4160, 48.9190, 11.0230 by changing the saturation by 10% instead.



162.4160, 48.9190,  
11.0230

162.4160, 48.9190,  
11.0230

255.0000, -0.0000,  
-0.0000

135.6330, 46.8100,  
10.6980

211.8170, 40.3000,  
7.5320

109.8500, 44.7010,  
10.3730

231.3310, 23.9330,  
1.2850

84.7680, 41.9960,  
9.8360

251.6600, 6.6490,  
-4.8630

60.0990, 39.5660,  
9.8220

36.1310, 36.5400,  
9.5960

15.5480, 30.9920,  
11.0240

6.2790, 12.5160,

4.4520

0.0000, 0.0000,  
0.0000

162.4160, 48.9190,  
11.0230

162.4160, 48.9190,  
11.0230

149.3420, 60.9310,  
13.5950

175.4900, 36.9070,  
8.4510

136.3820, 72.6220,  
16.4780

188.4500, 25.2160,  
5.5680

123.3080, 84.6340,  
19.0500

201.5240, 13.2040,  
2.9960

110.3480, 96.3250,  
21.9330

214.4840, 1.5130,  
0.1130

97.2740, 108.3370,  
24.5050

227.5580,  
-10.4990, -2.4590

■ 85.7160, 118.8360,  
26.9640

■ 240.4040,  
-21.8690, -5.6530

■ 243.3390,  
-23.2440, -8.2680

# Harmonies

## Analogous

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



163.8580, 42.2230, 22.2470



162.4160, 48.9190, 11.0230



160.6350, 43.3280, -3.2960

# Triad

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



162.4160, 48.9190, 11.0230



150.2220, -28.0090, -26.5450



158.3430, -37.0940, 11.4660

# Complementary

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



162.4160, 48.9190, 11.0230



180.5840, -48.9190, -11.0230

# 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.



149.0030, -65.9760, -4.7600



162.4160, 48.9190, 11.0230



144.3510, -59.0490, -25.6810

# Square

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



162.4160, 48.9190, 11.0230



154.4290, 2.2050, -23.4510



141.1010, -78.5360, -19.4320



164.0760, -5.1850, 22.3910



# Rectangle

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



162.4160, 48.9190, 11.0230



159.3900, 33.4720, -11.9040



141.1010, -78.5360, -19.4320



155.9070, -47.7300, 5.9820

# Sweetspot

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



162.4160, 48.9190, 11.0230



236.7910, 16.8260, 3.4340



162.0470, 29.2900, 41.8820



117.1430, 9.9030, 2.2470



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.



162.4160, 48.9190, 11.0230



179.7020, 68.7250, 15.5170



188.2440, 36.8190, -11.9890



100.4630, 6.0060, 1.2860



68.1520, 93.9410, 21.0850



16.9660, 23.7030, 5.4550



# Inverse Universe

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



180.5840, -48.9190, -11.0230



205.2980, -68.7250, -15.5170



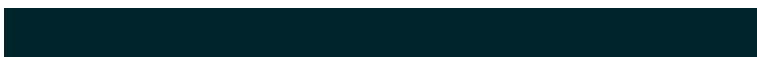
154.7560, -36.8190, 11.9890



102.5370, -6.0060, -1.2860



102.8480, -93.9410, -21.0850



26.0340, -23.7030, -5.4550



# Previews

## White Background



This preview shows how the YIQ color 162.4160, 48.9190, 11.0230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

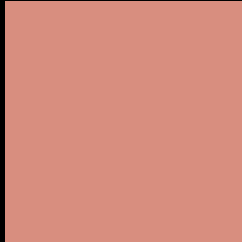
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 162.4160, 48.9190, 11.0230 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 162.4160, 48.9190, 11.0230

## Background



This preview shows how black text looks on a background with the YIQ color 162.4160, 48.9190, 11.0230.



This preview shows how white text looks on a background with the YIQ color 162.4160, 48.9190,



# 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

162.4160, 48.9190, 11.0230

### Protanopia

160.8410, 13.3890, -5.8670

### Deuteranopia

161.7460, 29.8940, -2.1220



## Tritanopia

163.7610, 43.8740, 19.8580

# Trichromacy



## Original Color

162.4160, 48.9190, 11.0230

## Protanomaly

161.4730, 26.4090, 0.4650

## Deuteranomaly

161.9150, 36.9080, 2.9240

## Tritanomaly

163.1370, 45.5710, 16.6350

# Monochromacy



## Original Color

162.4160, 48.9190, 11.0230

## Achromatopsia

162.0000, -0.0000, 0.0000

## Achromatomaly

162.3890, 18.0180, 3.8580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.4160, 48.9190, 11.0230 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(216, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 142, 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(216, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 142, 127) }
```

## Border

The CSS property to change the border of an element to YIQ 162.4160, 48.9190, 11.0230 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(216, 142, 127) }
```



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

```
.border{ border-color:rgb(216, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 142,  
127) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.4160, 48.9190, 11.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 142, 127) }
```

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

```
.background{ background-color: rgb(216,  
142, 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](#).

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