

# Converting Colors

YIQ(162.9780, 58.9600, 10.7680)

Have a look what the booklet for  
YIQ(162.9780, 58.9600, 10.7680)  
contains.

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# Color

**YIQ(162.9780, 58.9600,  
10.7680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E28C74
RGB	226, 140, 116
RGB Percent	89%, 55%, 45%
CMY	0.1135, 0.4511, 0.5448
CMYK	0.00, 0.38, 0.49, 0.11
HSL	13°, 66%, 67%
HSV	13°, 49%, 89%
XYZ	43.9081, 36.1846, 21.2128
YIQ	162.9780, 58.9600, 10.7680

# Conversions

## Conversions Part 2

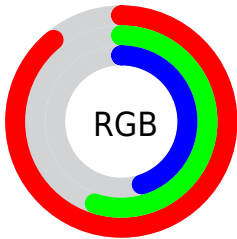
Format	Color
R <sub>Y</sub> B	226, 147, 116
Decimal	14847092
CIE Lab	66.66, 30.22, 26.58
CIE LCh	67, 40.246, 41.325
Yxy	36.1846, 0.4334, 0.3572
Android (android.graphics.Color)	4293037172 (0xFFE28C74)
YUV	162.9780, -23.1602, 55.2703
Hunter-Lab	60.1536, 25.0242, 21.1993

# Details

The YIQ color **162.9780, 58.9600, 10.7680** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **179.0220, -58.9600, -10.7680**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2750, 44.7020, 4.8460**, and **109.9280, 53.2290, 10.0050** is the 20% darker color. If you saturate the color by 10%, you get **149.7900, 71.2930, 13.0290**, and if you desaturate by 10%, it is **176.1660, 46.6270, 8.5070**.

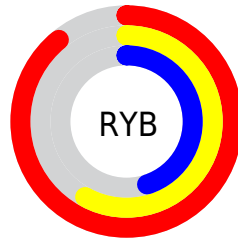
# Distribution



Red (89%)

Green (55%)

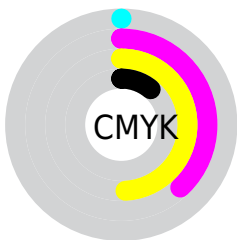
Blue (45%)



Red (89%)

Yellow (58%)

Blue (45%)

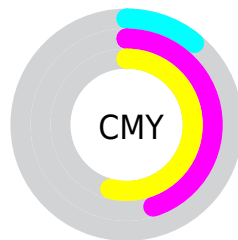


Cyan (0%)

Magenta (38%)

Yellow (49%)

Black (11%)



Cyan (11%)

Magenta (45%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.9780, 58.9600, 10.7680 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 162.9780, 58.9600, 10.7680 by changing the saturation by 10% instead.



162.9780, 58.9600,  
10.7680

162.9780, 58.9600,  
10.7680

255.0000, -0.0000,  
-0.0000

135.8960, 56.2550,  
10.2310

209.2750, 44.7020,  
4.8460

109.9280, 53.2290,  
10.0050

228.9030, 28.0140,  
-1.0900

84.2590, 50.7990,  
9.9910

249.1180, 11.0510,  
-7.5490

59.4050, 47.4520,  
10.0760

254.6580, 0.9630,  
-0.9330

34.5080, 45.6640,  
9.4400

16.7440, 33.3760,  
11.8720

8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,  
0.0000

■ 162.9780, 58.9600,  
10.7680

■ 162.9780, 58.9600,  
10.7680

■ 149.7900, 71.2930,  
13.0290

■ 176.1660, 46.6270,  
8.5070

■ 137.3030, 83.0300,  
15.0780

■ 188.6530, 34.8900,  
6.4580

■ 124.1150, 95.3630,  
17.3390

■ 201.8410, 22.5570,  
4.1970

■ 111.0410,  
107.3750, 19.9110

■ 214.9150, 10.5450,  
1.6250

■ 98.4400, 119.4330,  
21.6490

■ 227.5160, -1.5130,  
-0.1130

■ 96.3370, 121.2210,  
22.2850

■ 240.7040,  
-13.8460, -2.3740

■ 246.3290,  
-17.2840, -6.1480

# Harmonies

## Analogous

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



164.5390, 53.5470, 26.2750



162.9780, 58.9600, 10.7680



160.9360, 49.6100, -7.0140

# Triad

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



162.9780, 58.9600, 10.7680



146.5080, -43.7340, -33.4140



160.2380, -40.9920, 16.0320

# Complementary

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



162.9780, 58.9600, 10.7680



179.0220, -58.9600, -10.7680

# 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.



144.5260, -86.5620, -6.1300



162.9780, 58.9600, 10.7680



126.1970, -105.9500, -40.2380

# Square

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



162.9780, 58.9600, 10.7680



153.6900, -3.2040, -30.0520



128.8990, -116.3140, -28.6180



166.6300, -0.6930, 29.0910



# Rectangle

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



162.9780, 58.9600, 10.7680



159.6690, 36.8200, -17.5160



128.8990, -116.3140, -28.6180



156.1220, -55.5250, 9.5870

# Sweetspot

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



162.9780, 58.9600, 10.7680



233.0580, 20.4480, 3.8720



158.6940, 37.9540, 50.0660



114.8120, 12.3330, 2.2610



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.



162.9780, 58.9600, 10.7680



170.0360, 79.4080, 14.6400



195.2630, 43.8350, -17.9970



105.4630, 6.0060, 1.2860



74.9300, 94.4460, 17.4380



20.8090, 25.5830, 4.4230



# Inverse Universe

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



179.0220, -58.9600, -10.7680



191.9640, -79.4080, -14.6400



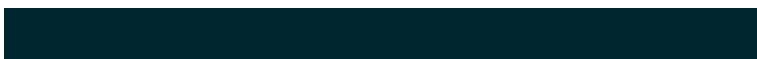
146.7370, -43.8350, 17.9970



107.5370, -6.0060, -1.2860



101.0700, -94.4460, -17.4380



27.7780, -25.8580, -4.9460



# Previews

## White Background



This preview shows how the YIQ color 162.9780, 58.9600, 10.7680 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 162.9780, 58.9600, 10.7680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

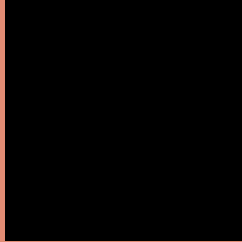
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 162.9780, 58.9600, 10.7680

## Background



This preview shows how black text looks on a background with the YIQ color 162.9780, 58.9600, 10.7680.



This preview shows how white text looks on a background with the YIQ color 162.9780, 58.9600,



# 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

162.9780, 58.9600, 10.7680

### Protanopia

161.1850, 18.1120, -8.8640

### Deuteranopia

162.4600, 36.4510, -5.3170



## Tritanopia

164.6480, 51.6220, 22.6140

# Trichromacy



## Original Color

162.9780, 58.9600, 10.7680

## Protanomaly

161.7140, 32.9200, -1.8960

## Deuteranomaly

162.6400, 44.9320, 0.6760

## Tritanomaly

163.6820, 54.2820, 18.4580

# Monochromacy



## Original Color

162.9780, 58.9600, 10.7680

## Achromatopsia

163.0000, -0.0000, -0.0000

## Achromatomaly

163.2430, 21.3650, 3.7730

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.9780, 58.9600, 10.7680 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(226, 140, 116)` looks like.

```
.text, #text, p{  
    color:rgb(226, 140, 116)  
}
```

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(226, 140, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 140, 116) }
```

## Border

The CSS property to change the border of an element to YIQ 162.9780, 58.9600, 10.7680 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(226, 140, 116) }
```



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

```
.border{ border-color:rgb(226, 140, 116) }
```

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

Here you see how a box with a 4 pixel rgb(226, 140, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 140, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 140, 116);  
box-shadow:4px 4px 4px 4px rgb(226, 140,  
116) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.9780, 58.9600, 10.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 140, 116) }
```

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

```
.background{ background-color: rgb(226,  
140, 116) }
```

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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