

# Converting Colors

YIQ(163.4260, 52.1270, 18.9670)

Have a look what the booklet for  
YIQ(163.4260, 52.1270, 18.9670)  
contains.

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# Color

**YIQ(163.4260, 52.1270,  
18.9670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1898A
RGB	225, 137, 138
RGB Percent	88%, 54%, 54%
CMY	0.1174, 0.4629, 0.4586
CMYK	0.00, 0.39, 0.39, 0.12
HSL	359°, 60%, 71%
HSV	359°, 39%, 88%
XYZ	44.5997, 35.7335, 28.6113
YIQ	163.4260, 52.1270, 18.9670

# Conversions

## Conversions Part 2

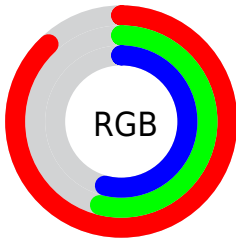
Format	Color
R <sub>Y</sub> B	225, 137, 138
Decimal	14780810
CIE Lab	66.32, 33.73, 13.82
CIE LCh	66, 36.452, 22.283
Yxy	35.7335, 0.4094, 0.3280
Android (android.graphics.Color)	4292970890 (0xFFE1898A)
YUV	163.4260, -12.5350, 54.0004
Hunter-Lab	59.7775, 28.5674, 13.4663

# Details

The YIQ color **163.4260, 52.1270, 18.9670** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **198.5740, -52.1270, -18.9670**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.1360, 38.1440, 13.5680**, and **109.8600, 47.9090, 18.3170** is the 20% darker color. If you saturate the color by 10%, you get **147.4170, 65.5140, 24.1540**, and if you desaturate by 10%, it is **178.8480, 39.0150, 14.3030**.

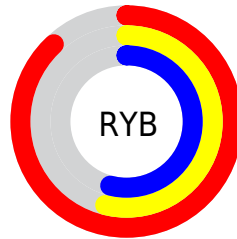
# Distribution



Red (88%)

Green (54%)

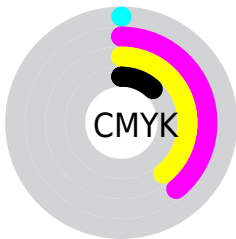
Blue (54%)



Red (88%)

Yellow (54%)

Blue (54%)

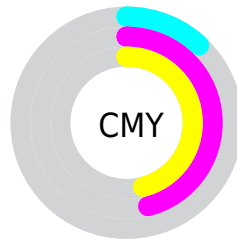


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (12%)



Cyan (12%)

Magenta (46%)


Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 163.4260, 52.1270, 18.9670 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 163.4260, 52.1270, 18.9670 by changing the saturation by 10% instead.




 163.4260, 52.1270,  
18.9670


 163.4260, 52.1270,  
18.9670


255.0000, -0.0000,  
-0.0000


 136.6430, 50.0180,  
18.6420


 210.1360, 38.1440,  
13.5680


 109.8600, 47.9090,  
18.3170


 230.3510, 21.1810,  
7.1090

 84.7780, 45.2040,  
17.7800

 250.0930, 4.1720,  
1.4840

 59.2230, 42.4530,  
18.0770

 33.0210, 40.2060,  
20.2540

 17.6410, 35.1640,  
12.5080

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,  
0.0000

■ 163.4260, 52.1270,  
18.9670

■ 163.4260, 52.1270,  
18.9670

■ 147.4170, 65.5140,  
24.1540

■ 178.8480, 39.0150,  
14.3030

■ 131.9950, 78.6260,  
28.8180

■ 194.9710, 25.3070,  
9.4270

■ 115.8720, 92.3340,  
33.6940

■ 210.3930, 12.1950,  
4.7630

■ 100.4500,  
105.4460, 38.3580

■ 226.4020, -1.1920,  
-0.4240

■ 84.4410, 118.8330,  
43.5450

■ 241.8240,  
-14.3040, -5.0880

■ 69.0190, 131.9450,  
48.2090

■ 246.0300,  
-17.8800, -6.3600

■ 67.6170, 133.1370,  
48.6330

# Harmonies

## Analogous

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



164.8070, 38.2330, 28.4810



163.4260, 52.1270, 18.9670



161.7550, 52.0380, 4.0540

# Triad

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



163.4260, 52.1270, 18.9670



151.6980, -14.8500, -28.2420



153.0950, -60.0630, 3.7210

# Complementary

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



163.4260, 52.1270, 18.9670



198.5740, -52.1270, -18.9670

# 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.



137.9560, -94.1250, -17.7490



163.4260, 52.1270, 18.9670



144.7230, -51.5290, -29.8090

# Square

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



163.4260, 52.1270, 18.9670



156.5570, 16.4640, -23.0560



133.0510, -93.4350, -30.2590



162.6270, -22.9740, 19.8900



# Rectangle

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



163.4260, 52.1270, 18.9670



160.5980, 44.7500, -7.0420



133.0510, -93.4350, -30.2590



148.8330, -71.2490, -2.8090

# Sweetspot

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



163.4260, 52.1270, 18.9670



233.3830, 18.1550, 6.8830



173.0450, 23.6040, 45.8120



115.3820, 10.7280, 3.8160



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.



163.4260, 52.1270, 18.9670



171.1080, 70.8780, 26.0620



188.5530, 40.6230, -3.8330



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870



# Inverse Universe

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



163.4260, 52.1270, 18.9670



171.1080, 70.8780, 26.0620



173.4470, -40.6230, 3.8330



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340

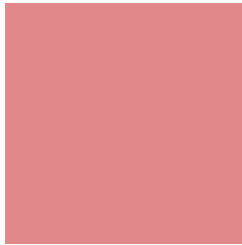


14.4660, 28.2870, 10.4870



# Previews

## White Background



This preview shows how the YIQ color 163.4260, 52.1270, 18.9670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

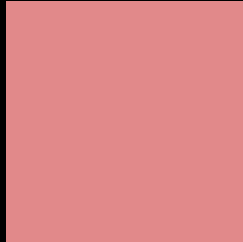
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 163.4260, 52.1270, 18.9670 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 163.4260, 52.1270, 18.9670

## Background



This preview shows how black text looks on a background with the YIQ color 163.4260, 52.1270, 18.9670.



This preview shows how white text looks on a background with the YIQ color 163.4260, 52.1270,



# 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

163.4260, 52.1270, 18.9670

### Protanopia

161.5400, 7.1070, -2.1490

### Deuteranopia

162.2880, 25.4920, 0.5640



## Tritanopia

164.0500, 50.4300, 22.1900

# Trichromacy



## Original Color

163.4260, 52.1270, 18.9670

## Protanomaly

162.0800, 23.3820, 5.7660

## Deuteranomaly

162.4790, 35.4400, 7.5040

## Tritanomaly

163.7080, 51.3930, 21.2570

# Monochromacy



## Original Color

163.4260, 52.1270, 18.9670

## Achromatopsia

163.0000, -0.0000, -0.0000

## Achromatomaly

163.5680, 19.0720, 6.7840

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 163.4260, 52.1270, 18.9670 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(225, 137, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 137, 138)  
}
```

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(225, 137, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 137, 138) }
```

## Border

The CSS property to change the border of an element to YIQ 163.4260, 52.1270, 18.9670 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(225, 137, 138) }
```



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

```
.border{ border-color:rgb(225, 137, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 137, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 137, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 137, 138); box-shadow:4px 4px 4px 4px rgb(225, 137, 138) }
```

# Background

The CSS property to change the background color of an element to YIQ 163.4260, 52.1270, 18.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 137, 138) }
```

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

```
.background{ background-color: rgb(225,  
137, 138) }
```

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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